MODULUS 1933

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The 1933 Modulus

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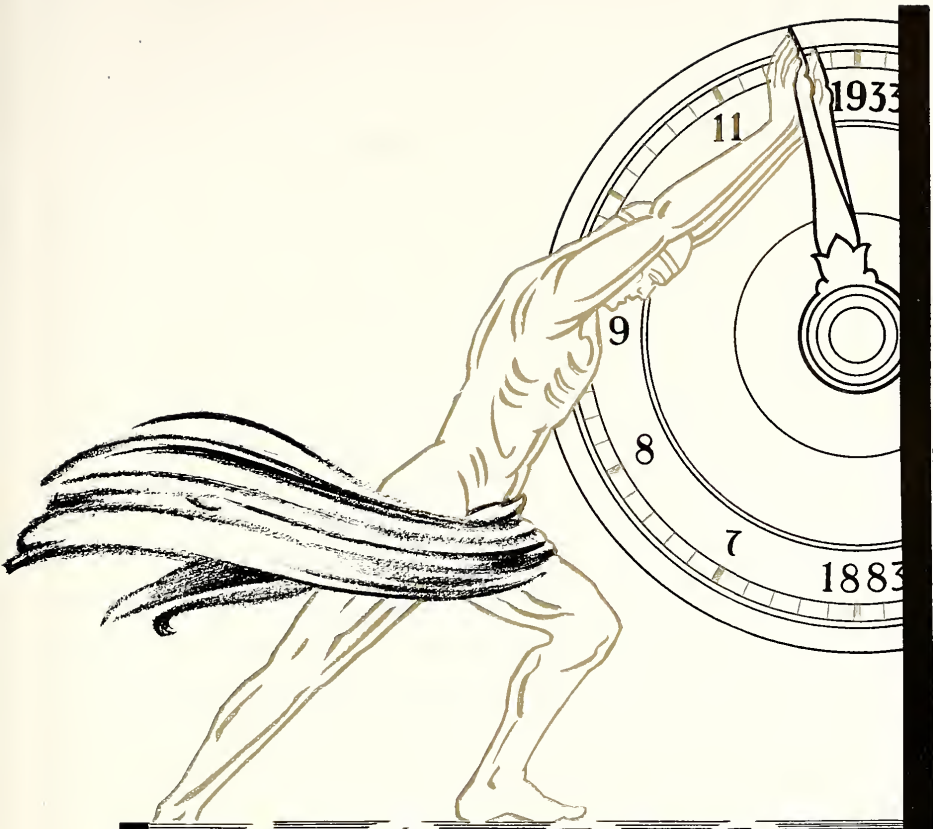
James F. Guymon
EDITOR

Merrill L. Bradfield
BUSINESS
MANAGER



MODULUS

Published by Students of

Rose Polytechnic Institute

Terre Haute, Indiana

FOREWORD

In presenting this eighteenth volume of the Modulus, we did not hope to record a complete history of the past year, but to assemble in these pages a few facts and occurrences which will bring back memories of associates and events of our college life so dear to all of us. If, in the years to come, this book is assistance to its readers in treasuring these days at Rose, we feel that our efforts have been worth while.

DEDICATION

To all the presidents of Rose Polytechnic Institute, who have so successfully guided the school through fifty years of success and progress we dedicate our

1933 MODULUS

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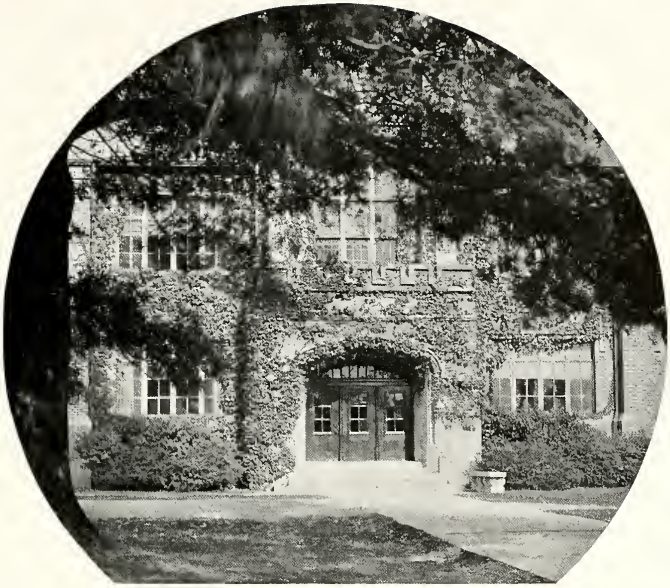


The Front Entrance

A few views of the Rose campus are presented to remind us of the scenes of our college activities.

The Main Building

Deming Hall

Lost Creek and the Bridge to the Athletic Field

The Lake with the Dormitory in the Background

Chauncey Rose

A Brief History of Rose

On this fiftieth year of Rose Polytechnic Institute it is only proper that a brief resume be made of the history of the school.

Chauncey Rose, founder of the school which bears his name received only the limited education which a Connecticut village school afforded. Beyond that he was self taught in the practical school of experience. At an early age he came to the Wabash Valley and acquired a considerable fortune through aggressive and enterprising undertakings. When he began late in life to think of the question of most helpfully disposing of his property, it was altogether natural that he should conceive the idea of founding a school where young men should be taught those things that had cost him and his associates so much to learn.

After thinking over the idea of founding a scientific school he called a few of his friends and associates into conference for repeated discussions. As a result the articles of incorporation were adopted for the establishment of "an institution for the intellectual and practical education of young men", to be known as the "Terre Haute School of Industrial Science", on the 10th of September, 1874.

On October 10 the board of managers was organized with Chauncey Rose, President; Demas Deming, Treasurer, and William K. Edwards, Secretary. January 11, 1875, the cornerstone of the main building was laid and the name of the school changed by the managers, over the protest of Mr. Rose, to "The Rose Polytechnic Institute." June 13 he resigned the presidency on account of age and infirmities, and died the next August.

Mr. Rose's bequests to the school included the grounds, the main building, the shop building, sums for equipment and maintenance and a productive capital of five hundred thousand dollars. A bequest was received from the will of Josephus Collet, who was Mr. Rose's successor as President, of fifty thousand dollars.

Rose Polytechnic Institute was formally opened for instructon at Thirteenth and Locust streets March 7, 1883, at which time President Charles O. Thompson made the inaugural address. President Thompson had been principal of the Free Institute of Technology of Worcester, Massachusetts, and had toured abroad studying European schools of technology. He embodied the results of his experience in the plan of instruction that he formulated for the new school, and which is still substantially followed. Unfortunately, President Thompson lived only long enough to see his work started.

July, 1886, Dr. T. C. Mendenhall was elected his successor and served until 1890, when he took charge of the United States Coast and Geodetic Survey. Dr. H. T. Eddy filled the presidency until the election of Dr. Carl L. Mees in 1895.

Dr. Mees served the school efficiently until his retirement in 1919. During his administration the Institute rose to a high position in the engineering world, and to him a great deal of credit for the development of the school must be given. Due to the increasing popularity of Rose, need of more room was felt and plans were made for a new location. One hundred and twenty-three acres of land upon which the Institute now stands were given by Anton and Herman Hulman. The War delayed the construction of the new buildings and the present building was finished and opened in 1922.

The presidency was occupied by Dr. H. C. Woodruff until the election of Dr. Frank C. Wagner in 1924. Dr. Wagner served capably as president until his tragic death in 1928 and Dr. Prentice was chosen president in 1932.

Other donors of the school include Susan K. (Heminway) Francis, William S. Rea, James McGregor, Demas Deming, and the alumni and citizens of Terre Haute.

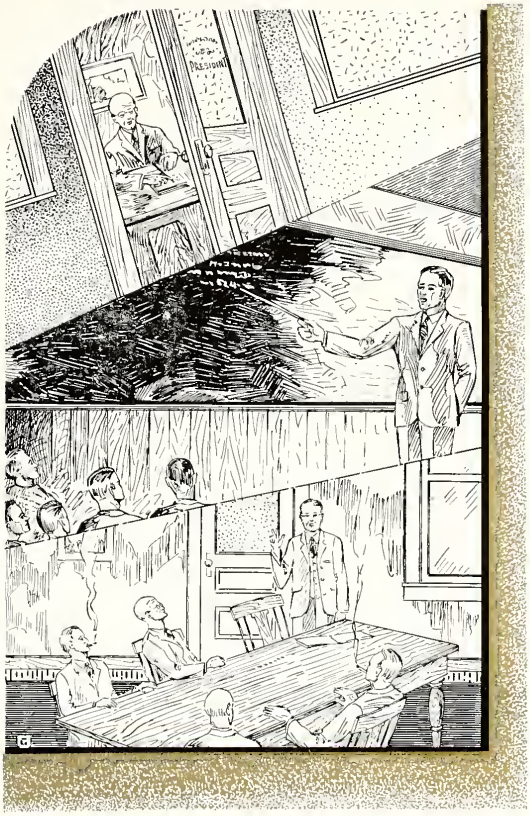
To all these men we owe a great amount of respect for ther efforts and assistance in placing Rose Polytechnic Institute on its present level in the field of engineering education.

MY WORK

Let me do my work from day to day
In field or forest, at the desk or loom,
In roaring market-place or tranquil room;
Let me but find it in my heart to say
When vagrant wishes beckon me astray,
"This is my work; my blessing, not my doom;
Of all who live I am the one by whom
This work can best be done in the right way."

Then shall I see it not too great nor too small
To suit my spirit and to prove my powers;
Then shall I, cheerful, greet the laboring hours,
And cheerful, turn when the long shadows fall
At eventide to play, and love, and rest,
Because I know for me, my work is best.

—Van Dyke.



ADMINISTRATION

In memory of

Professor John B. Peddle, 1868-1933

Instructor « « « 1894-1903
Professor « « « 1903-1928
Acting President « 1928-1930

His memory as man, teacher, friend and benefactor of Rose Polytechnic Institute will ever be cherished dear to our hearts.

President Donald B. Prentice

Donald Bishop Prentice was born April 28, 1889 at Hartford, Connecticut. After completing his earlier education he attended the Sheffield Scientific School (Yale) and received the Ph.B. degree in Mechanical Engineering there in 1910.

After graduation from Sheffield Scientific School, Mr. Prentice was employed by the Briton Company of Hartford, Connecticut for a period of two years. For the following four years he was the assistant instructor in Mechanical Engineering at Yale. In 1914 he was given the degree of Mechanical Engineer by Yale. In 1916 Mr. Prentice became the assistant professor of Mechanical Engineering at Lafayette College, and the next year was promoted to professor of Mechanical Engineering. In 1921 he became chairman of engineering and in 1924 the dean of Lafayette College. During the year 1926-27 he was acting president there. In 1927 Mr. Prentice received the M.A. degree in education from Lafayette.

In February 1931 Mr. Prentice became the president of Rose Polytechnic Institute. In 1932 he was given the LL.D. degree from Wabash College.

Dr. Prentice is a member of American Society of University Professors, A.S.M.E., Society for Promotion of Engineering Education, American Academy of Political and Social Science, Yale Engineering Association, Tau Beta Pi, Blue Key, Sigma Xi, Kappa Delta Rho, Book and bond and Kappa Phi Kappa. He was married in 1912 to Mary Louise Farnham of South Windsor, Connecticut, and they have three daughters—Katherine, Mary and Barbara.

Because of the depression, industry has failed for three years to absorb the current graduates of American engineering schools. When business revives, these graduates as well as those from later classes will have to compete for employment with many engineers who have been laid off by industry and who will be considered candidates for their former positions. It is obvious, therefore, that promise of unusual future worth as demonstrated by past performance in school and factory will be the criterion for most appointments in the next few years.

With this condition in mind, it is the determined policy of the faculty and administration of Rose to continue the high standards always associated with the college and to avoid any relaxation of requirements as a concession to reduced enrollment. The Rose degree means just as much in depression as in prosperity and is conferred only when a candidate has successfully met standards as high as those of any engineering school in the country. We believe that this policy will ensure favorable consideration of our graduates and more desirable opportunities for employment. We shall keep faith with our students and with the engineering profession.

The experiences of recent months have emphasized, as never before, the importance of breadth of training in the non-technical subjects for those who are to hold positions of responsibility in American industrial life. The revised curricula at Rose meet these conditions. Without sacrificing important scientific and technical subjects the courses of study now include English, economics, accounting and business law as well as history, psychology and foreign language in greater proportion than ever before. Rose begins its second half-century with a clear understanding of the new requirements of the engineering profession and with its programs planned to meet these requirements.

D. B. Prentice

DONALD BISHOP PRENTICE

President and Professor of Economics of Engineering

Ph.B., 1910; M.E., 1914, Yale
M.A., 1927, Lafayette
LL.D., 1932, Wabash

JOHN WHITE

Vice-President and Professor of Chemical Engineering and Chemistry

A.B., 1888; A.M., Ph.D., Johns Hopkins University, 1891

ROBERT L. McCORMICK

Professor of Civil Engineering

B.S., 1891; M.S., 1906; C.E., 1907, Rose

CLARENCE CARL KNIPMEYER

Professor of Electrical Engineering

B.S., 1907, University of Michigan

ALBERT A. FAUROT

Librarian
Professor of Modern Languages

B.L., Nebraska, 1891
A.M., Nebraska, 1895

CLARENCE P. SOUSLEY

Professor of Mathematics

A.B., M.A., 1909, Kentucky Wesleyan College
Ph.D., 1915, Johns Hopkins University

CARL WISCHMEYER

Secretary to the Faculty
Professor of Mechanical Engineering

B.S., 1906; M.S., 1910; M.E., 1920, Rose

BERTON ARTHUR HOWLETT

Professor of Physics

B.S., 1913; A.B., 1914, Valparaiso University
S.M., 1917, University of Chicago
Ph.D., 1924, Indiana University

O.L. STOCK

Professor of Drawing and Descriptive Geometry

B.S. in C.E., Rose, 1908
B.S. in Architecture, Rose, 1912
M.S., Rose, 1914

JOSEPH H. STEVENSON

Captain, Corps of Engineers
Professor of Military Science and Tactics

ALFRED T. CHILD

Associate Professor of Chemical Engineering

A.B., Amherst College
A.M., Columbia University

ROLAND ELLIS HUTCHINS

Associate Professor of Civil Engineering

Sc.B., Brown University, 1910

GEORGE W. GREENLEAF

Assistant Professor of Shop Management
Superintendent of Buildings and Grounds

GERALD J. SULLIVAN

1st Lieut., Corps of Engineers
Assistant Professor of Military Science and Tactics

U.S. Military Academy, 1924
B.S., Mass. Institute of Technology, 1928

PHIL C. BROWN

Director of Athletics

A.B., Butler University, 1923

SYLVESTER KEARNS

Warrant Officer, U.S.A.
Instructor in Military Science and Tactics

OSCAR L. RICHMOND

Instructor in Pattern Making

F. W. MOONEY

Instructor in Foundry and Machine Practice

HENRY C. GRAY

Instructor in Machine Design

B.S., Rose, 1917

JOHN L. BLOXSOME

Instructor in English and History

A.B., DePauw University, 1927

HARVE N. CHINN

Instructor in Civil Engineering and Mathematics

B.S., Rose, 1923

HERMAN A. MOENCH

Instructor in Electrical Engineering

B.S., Rose, 1929

EDWIN WADE MANN

Instructor in Chemistry

B.Ch.E., Ohio State University, 1918

KENNETH GANTZ

Instructor in English

A.B., Indiana State Teachers College, 1929

PAUL G. HOEL

Instructor in Mathematics

B.A., Luther College, 1926
M.A., University of Minnesota, 1929
Ph.D., University of Minnesota, 1933

THEODORE A. HUNTER

Instructor in Physics

B.S., University of Iowa, 1923
M.S., University of Iowa, 1924
E.E., University of Iowa, 1931

MARVIN E. HANSEL

Assistant in Shop Practice

BENJAMIN PINE

Bursar

MARY GILBERT

Registrar

HELEN MAHLEY

Secretary to the President

B.A., Wellesley College

HELEN ROEDEL

Assistant Librarian

WHAT IS SUCCESS?

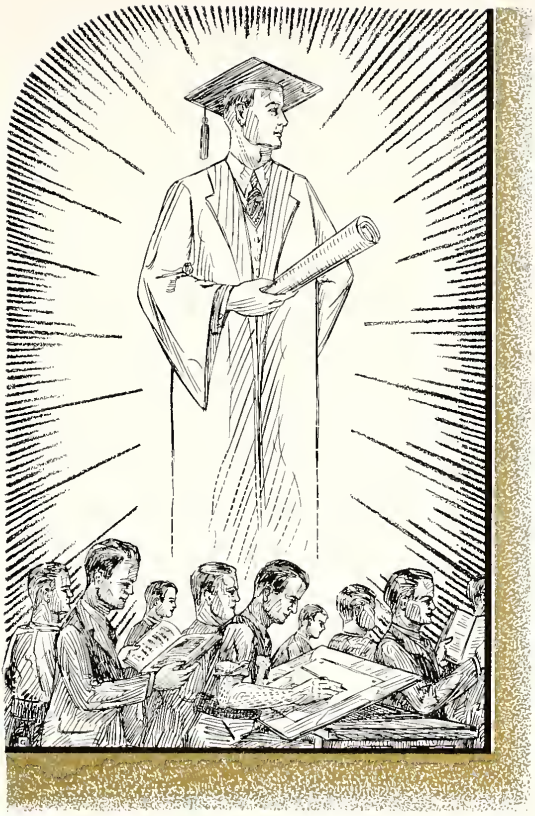
It's doing your work the best you can,
And being just to your fellowman:
It's making money, yet holding friends
And staying true to your aims and ends;
It's figuring how, and learning why
And looking forward and thinking high.

It's dreaming a little and doing much,
And keeping always in closest touch
With what is fine in word and deed;
It's being thorough, yet making speed.
It's daring blithely the field of chance,
While making labor a brave romance.

It's going onward despite defeat,
It's fighting staunchly, yet keeping sweet.
It's living clean and playing fair
And laughing lightly at Dame Despair.
It's looking up at the stars above,
And drinking deeply of life and love.

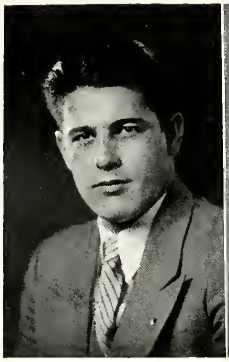
It's struggling on with a will to win,
And taking loss with a cheerful grin;
It's sharing sorrow, work and mirth,
And making better this good old earth.
It's serving—striving through strain and stress;
It's doing your noblest—that's success.

—ANONYMOUS.

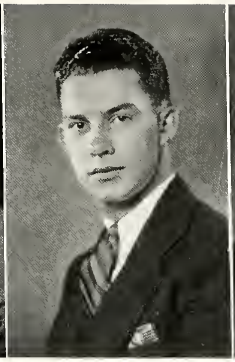


CLASSES

In the years to come, as our minds wander back to college days, may the following pages help bring back to memory those hazy visions and recollections of the many hours spent with our professors and our classmates. These views of classmates and organizations remind us of the happy days well spent—classes, the class fights and contests, athletic games, school dances, R. O. T. C. drills, the school publications and all other Rose activities. May we always hold these days in reverence for they belong to us.



William C. Heidenreich
President



Merrill L. Bradfield
Vice-President

James W. Cantwell
Secretary-Treasurer

The Senior Class

The fall of '29 witnessed the arrival of the largest and most confident class up to that date. Business was good money and jobs were plentiful and everything seemed just right.

Now, four years later, things are different and many changes have come to the "Rank Rhinies" of 1929. We have grown from boyhood to manhood, our outlook has been made larger and more farseeing, our vague boyish ideas has been crystallized to give us personality and character, we have been given education, and have been taught to think. All these and many other transformations have been brought about by our most able and wise President and Faculty. To these men we owe a great debt, and I feel that the sentiments of the class are expressed when I say that we are extremely grateful and deem ourselves fortunate to have studied for four years with such men.

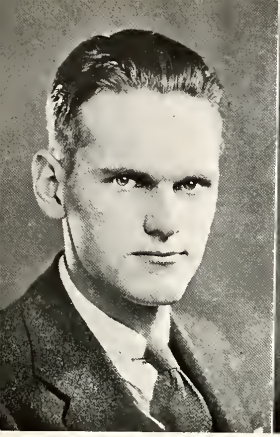
The class of '33 has had many men to distinguish themselves on the athletic field and in other campus activities.

Another outstanding achievement of the class lies in the fact that several men have gone through Rose on scholarships, and several, also, have succeeded in putting themselves through without any outside financial help.

We have not only seen the destruction of several ancient school traditions which have tended to produce class and inter-student friction, but we have stamped out a few ourselves.

In closing we say a short good-bye and good luck to our school and those directly connected with it.

W. C. Heidenreich, Jr.



FRANCIS ANTHONY
Electrical

Radio Club, 3

WILLIAM E. BACHELOR
Electrical

Tau Nu Tau, Secretary, 4
Camera Club, 1-2-3-4
Radio Club, 3-4, Vice-President
Rifle Club, 1-2-3; A. I. E. E.
Rea Scholarship, 1-2-3

ROBERT L. BARR
Electrical

Radio Club, 4; Rifle Club, 2
Camera, 1-2-3-4
Vice-Pres. Camera Club, 4
Asst. Photo. Editor Modulus, 2
Photography Editor Modulus, 4

1883

TOM HAYNES BATMAN
Chemical

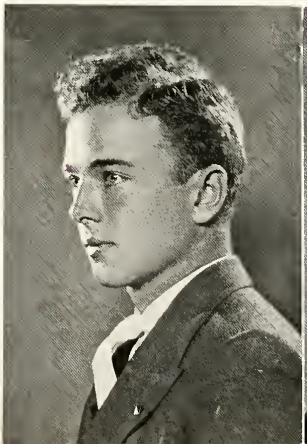
Alpha Chi Sigma; Blue Key
Tau Beta Pi; Tau Nu Tau
Camera Club, 1; Debate Club, 4
Glee Club, 4; Rifle Club, 4
Vice-Pres. Debate Club, 4
Secretary-treasurer Rifle Club, 4
Vice-Pres. Junior Class
Technic Staff, 3; Modulus Staff, 4
R. O. T. C. Cadet Major, 4
Basketball, 1-2-3

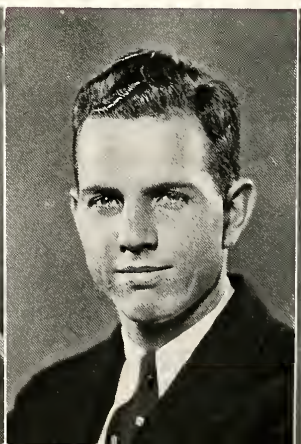
N. C. BLAIR, Jr.
Architectural

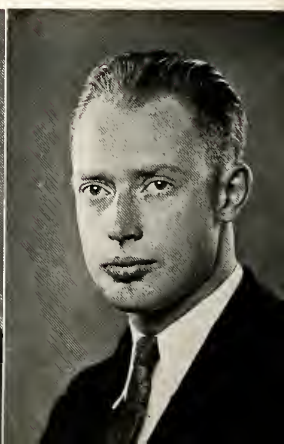
Alpha Tau Omega; Tau Nu Tau
Rifle Club; A. S. C. E.
Modulus

ALFRED BLICKENSDERFER
Civil

A. S. C. E., 3-4







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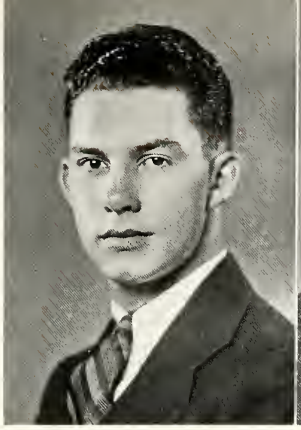
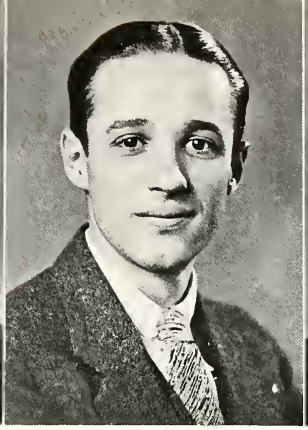


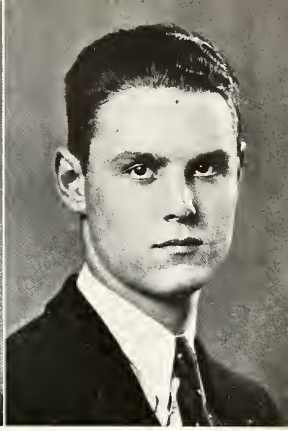
MERRILL F. BRADFIELD
Mechanical

Sigma Nu; Tau Nu Tau; Blue Key
Football, 3-4; Rose Honor man, 3-4
Rea Scholarship, 1-2-3
Modulus Staff, 3-4, Bus. Mgr., 4
R. O. T. C.
Financial Secy. Student Council, 3
Rifle Club, 1-3
Show Chairman, 3; A. S. M. E.



WILTON L. BROWN
Electrical and Mechanical

Sigma Nu; Blue Key
Glee Club, 2-3-4
Vice-Pres. Glee Club,3; Pres., 4
Camera Club; A. S. M. E.
A. I. E. E.; Rifle Club, 1
Student Council Pres., 4
Interfraternity Council, 4
Hand Book Committee, 4
Rose Honor Man, 4
St. Pat's Dance Comm. Chairman, 4



JAMES W. CANTWELL
Mechanical

Theta Kappa Nu; Tau Nu Tau
Tau Beta Pi; Sec'y.-Treas. Class,
R. O. T. C.; Rifle Club, 1-3
A. S. M. E.; Modulus Staff, 4
Announcements Comm., 4

PAUL J. CARTER
Civil

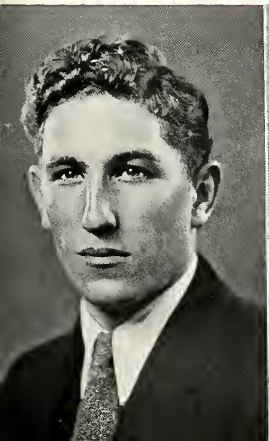
Theta Xi; Tau Nu Tau
Rifle Club, 2-3-4; Camera Club, 2
A. S. C. E., 1-2-3-4
President, Tau Nu Tau, 4
Show Chairman, 3; R. O. T. C.
Modulus, 3

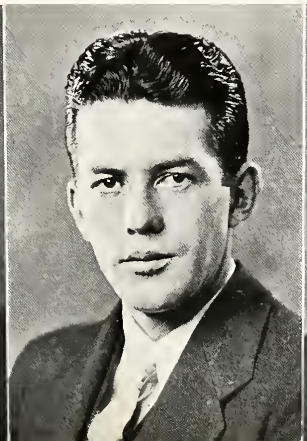
W. FRANK CRAWFORD
Mechanical

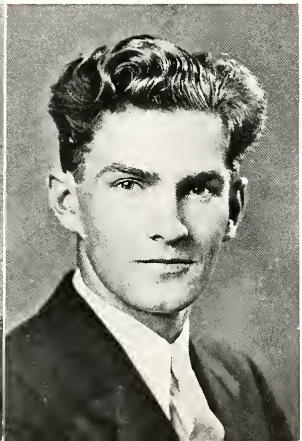
Alpha Tau Omega; A. S. M. E., 3-4
Rifle Club, 1-2; Junior Member
Society of Automotive Engineers,
2-3-4; Sign Comm. Rose Show, 3
Art Editor Modulus, 4

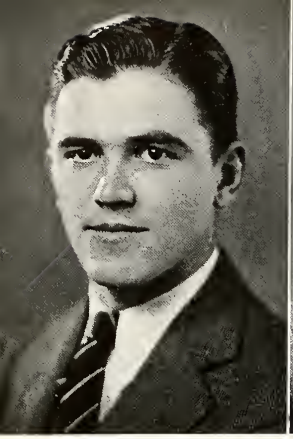
JOHN C. DALRYMPLE
Electrical

Theta Xi; Tau Nu Tau;
Glee Club, 4
A. I. E. E., 3-4; Rifle Club, 1-2-3-4
Camera Club, 2-3-4;
Radio Club, 1-2-3
Vice-Pres. Tau Nu Tau, 4
Class Treasurer, 1
Pres. and Chairman, A. I. E. E., 4
R. O. T. C. Cadet Captain
Rifle Team, 1-3-4







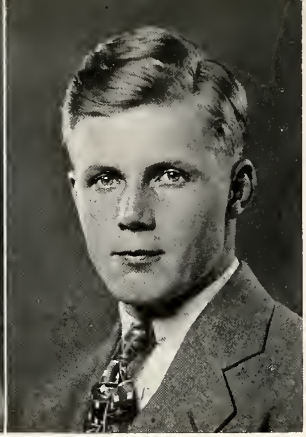


THERON DETRICK
Mechanical

Sigma Nu; A. S. M. E., 3-4
Secretary, A. S. M. E., 4
Football, 3-4

PAUL R. DIERDORF
Chemical

Camera Club, 2-3-4
R. O. T. C. Band, 1-2-3-4



NORRIS V. ENGMAN
Civil

Theta Xi; Tau Beta Pi
Tau Nu Tau; A. S. C. E., 2-3-4
Rifle Club 2-3-4
Scholarship, 2-3-4

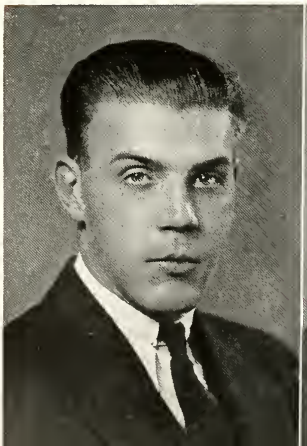
G. EWING FARRINGTON
Mechanical

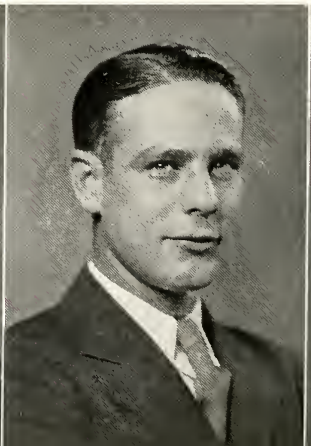
Delta Tau Delta; Tau Nu Tau
Camera Club, 1-2
McGregor Scholarship, 1
A. S. M. E.

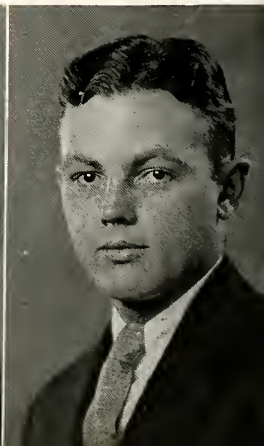
HOMER W. FISHER
Civil

A. S. C. E., 2-3-4
Sec.-Treas., A. S. C. E., 3
Pres., A. S. C. E., 3-4
Pres. Deming Hall Association, 4
Basketball, 1-2

WILLIAM J. FITZSIMMONS
Mechanical







LOGAN A. GILLETT
Mechanical
Alpha Tau Omega; Blue Key
Rifle Club, 1; A. S. M. E., 3-4
Student Council, 2-3
Athletic Board, 1-2-3
Pres. Soph. Class;
Sec. Ath. Board, 1
Dance Comm. St. Pat's, 2
Football, 1-2-3-4; Basketball, 1-3
Honor Man, 1-2-3
Football Trophy, 2-3
Capt. Football, 4

JAMES GILLIAN
Mechanical
A. S. M. E.

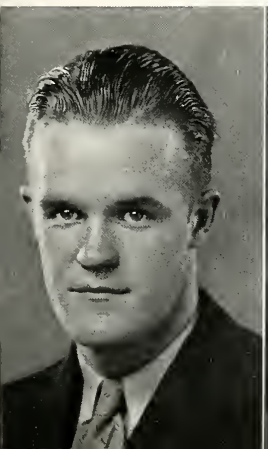
DON H. GREENFIELD
Civil
Theta Kappa Nu; Camera Club, 1-
A. S. C. E.; Rifle Club, 1
Class President, 3
Student Council, 3
St. Pat's Committee, 3
Technic Staff, 1; Show Chairman,
Prom Committee, 3

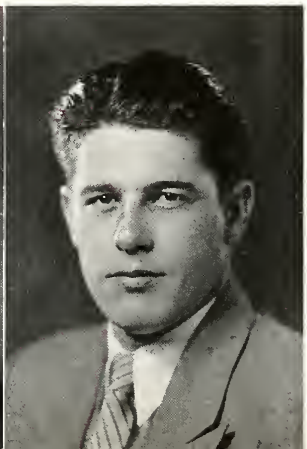
CHARLES E. GROGAN
Electrical
Radio Club, 3-4; Camera Club, 3-4
Football, 4

JAMES F. GUYMON
Chemical
Theta Kappa Nu; Tau Beta Pi
Alpha Chi Sigma; Tau Nu Tau
Blue Key; Rifle Club, 1-2-3
Pres., Tau Beta Pi, 4
McGregor Scholarship, 1-2-3-4
Honorable Mention, 1-2-3
Modulus Staff, 3-4
Editor-in-chief, Modulus, 4
St. Pat's Comm., 4; Honor Man, 4
Student Council, 4
Announcements Comm., 4

WILLIAM C. HEIDENREICH, Jr.
Chemical
Alpha Chi Sigma; Tau Beta Pi
Pres. Senior Class
Athletic Ass'n. 3; Student Council, 4
Vice-Pres. Sophomore Class
Football, 1-3; Track, 1
Rea Scholarship, 4

1883





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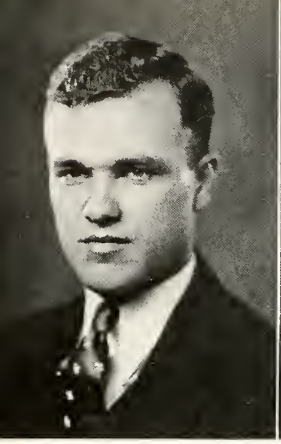
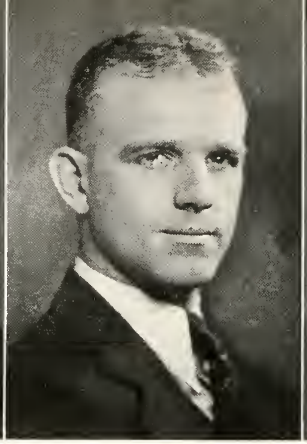


ALFRED E. HILGEMAN
Chemical



EDWARD H. HILGEMAN
Mechanical

A. S. M. E.; Football, 4
Baseball, 3-4; Basketball, 4
Track, 4

HERBERT HYLTON
Mechanical

Football, 1-2-3-4
Basketball, 2
Camera Club, 1-2
Athletic Board, 2-4
A.S.M.E., Sec'y., 3

HARRY LARMAN
Mechanical

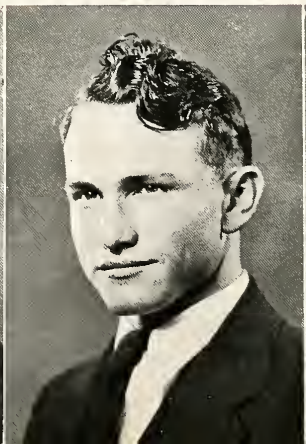
A. S. M. E., 3-4; Rifle Club, 1-2-4
Football, 2-4

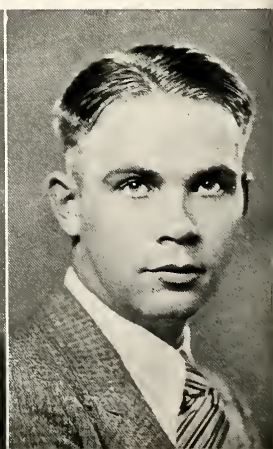
GLEN T. LAUTENSCHLAGER
Electrical

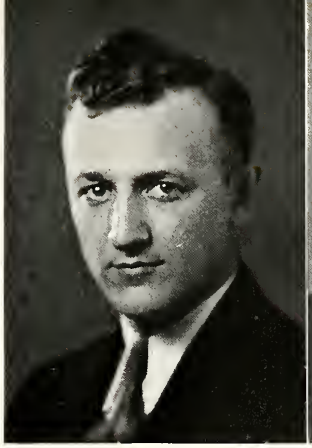
Rifle Club, 1-2-3-4
Camera Club, 2-3-4
Sec'y. A. I. E. E., 4
Rifle Team, 1-2-3-4
Rifle Team Letter, 2-4
A. I. E. E.

NORMAN W. LISTON
Electrical

Tau Nu Tau; Radio Club, 1-2-3-
Camera Club, 1-2-3-4
Rifle Club, 1-2; A. I. E. E.

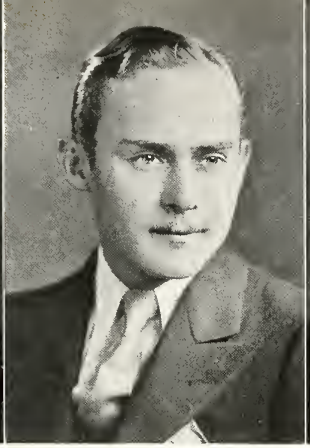






ARTHUR REINKING
Mechanical

A. S. M. E., 3-4; Basketball, 2
Football, 2-3-4



DAN RINGO
Mechanical

Theta Xi; Rifle Club, 1-2-3
Camera Club, 3; A. S. M. E.

IRWIN ROSENAK
Mechanical

Tau Beta Pi; Honor Man, 4
Rea Scholarship, 1-2-3
Debate Club, 3-4; A. S. M. E.

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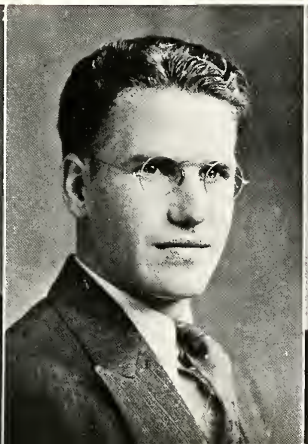
KYLE MOSS MILLER
Chemical

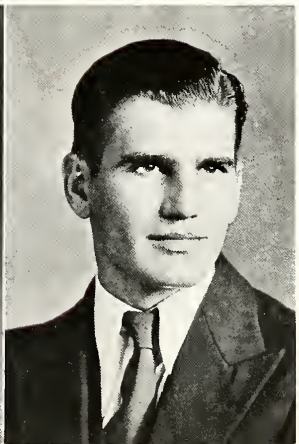
Theta Xi; Alpha Chi Sigma
Camera Club, 1-2-3-4
Show Chairman; Camera Club, 3
Radio Club, 4; Glee Club, 4
Band, 1-2-3-4
Pres. Camera Club, 4
Student Council, 4

JAMES L. PATON
Civil

Tau Nu Tau; A. S. C. E., 3-4
Rifle Club, 3-4; R. O. T. C.



WILLIAM PATON
Mechanical



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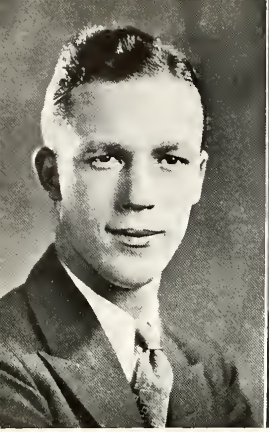
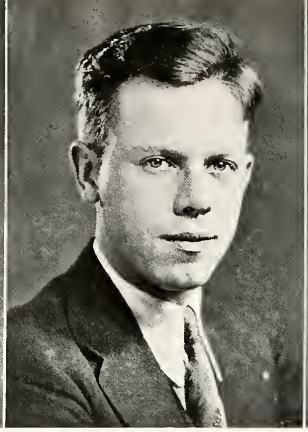


ROGER C. PEUGNET
Chemical

Theta Xi; Alpha Chi Sigma



JOHN M. PHELPS
Architectural

Alpha Tau Omega; Blue Key
Rifle Club, 1; A. S. C. E., 3-4
Football Mgr., 2-3-4
Modulus Staff, 2

HOMER W. PHILLIPS
Electrical

Theta Xi; Rifle Club, 2-3
A. I. E. E.

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MARSHALL C. POWELL
Electrical

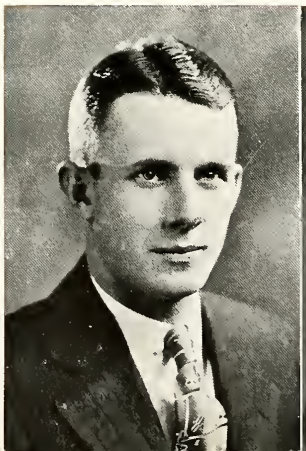
Theta Kappa Nu
(did not graduate)

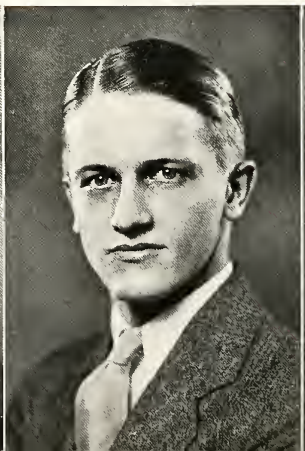
RUSSELL A. POWELL
Mechanical

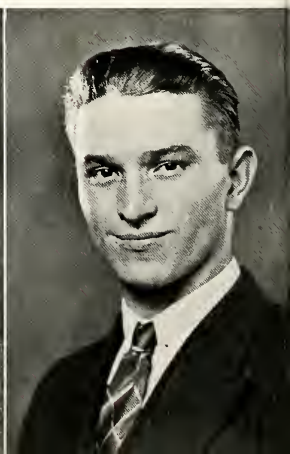
Theta Kappa Nu
Rea Scholarship, 1-2

GERALD D. REECE
Electrical

Tau Nu Tau; A. I. E. E.







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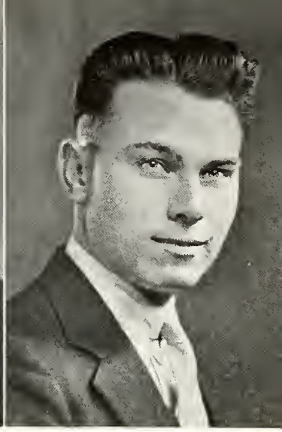
EDWIN J. WITHERS
Electrical

Theta Xi; Tau Nu Tau
Rifle Club, 1-2-3-4; Captain, 4
Camera Club, 2-3-4
Radio Club, 3-4; Glee Club, 4
Vice-Pres. Student Council, 4
Rifle Club, Vice-Pres., 3, Pres., 4
Camera Club Secy.-Treas., 4
Captain Rifle Team, 4
Modulus Staff, 4
Cadet Captain, R. O. T. C.
A. I. E. E.; Prox Awards, 2-3
American Legion Award, 3-4
Shourds Award, 3-4
Fifth Corp Area Awards, 1-2-3-4

DELBERT AUSTERMILLER
Electrical

Camera Club, 1-2-3
(did not graduate)



FLOYD WILSON
Mechanical

B.S. in E.E., 1932
Rifle Club, 1-2-3-4
A. I. E. E.

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W. LEON SANFORD
Architectural

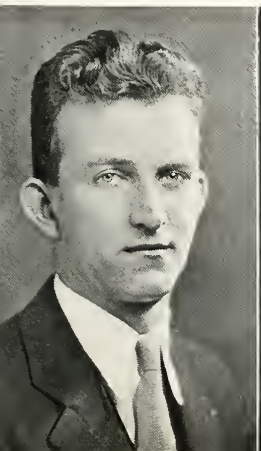
lpha Tau Omega; Rifle Club, 1-2
. S. C. E., 2-3-4; Camera Club, 1
asketball, 1-2
how Chairman, 1-3

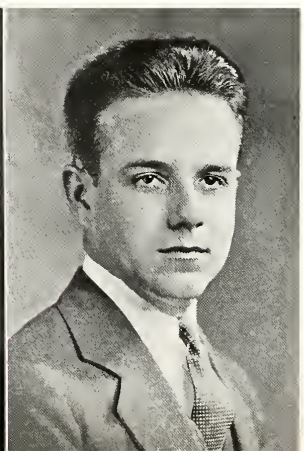
CHARLES F. SCHILLING
Civil

Rifle Club, 1; A. S. C. E.

EDMUND A. SCHROEDER
Electrical

Rifle Club, 1-2-3-4
Radio Club, 3-4
Rifle Team, 3-4
Rifle Team Letter, 4





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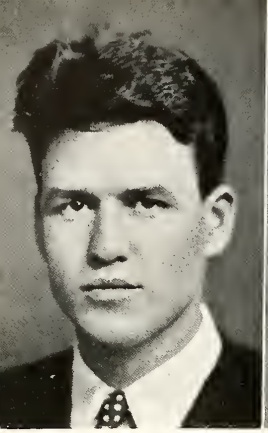
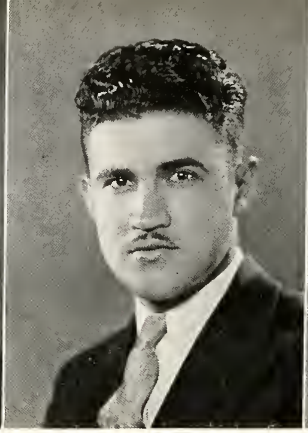


ALLEN SEBREE
Mechanical

ifle Club, 1-2-3
ea Scholarship, 2



CARLTON B. SEXSON
Architectural

A. S. C. E.

CHARLES B. SIPPLE
Chemical

Alpha Chi Sigma

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JAMES C. SKINNER
Mechanical

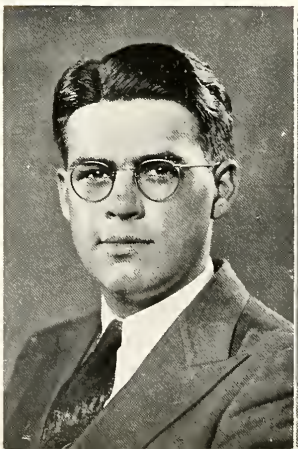
Alpha Tau Omega; Blue Key
Tau Nu Tau; Camera Club, 1-2-3
Riffe Club, 1; Radio Club, 1-2
Debate Club, 2-3-4
Editor Handbook, 1932-33
Business Manager 1931 Modulus
Editor Rose Technic, 3
General Manager Rose Technic, 4
Student Council, 4
President Blue Key, 4
Debate Team, 4; Show Chairman, 3
Rose Honor Man, 3-4
McGregor Scholarship, 1
A. S. M. E.

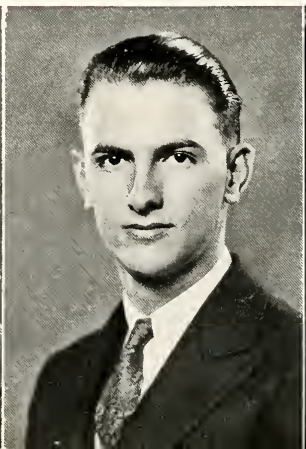
ROBERT H. SWOBODA
Chemical

Alpha Chi Sigma; Tau Beta Pi
Honorable Mention, 1-2-3
Technic Staff, 3-4

EDW. G. WEINBRECHT
Mechanical

Theta Xi; Tau Nu Tau
Football, 2-3-4; President Class, 4
R. O. T. C., Bn. Sgt. Major, 3
Cadet Capt. and Bn. Adj., 4
Glee Club, 3-4; A. S. M. E.





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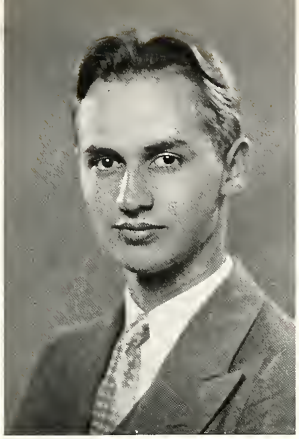
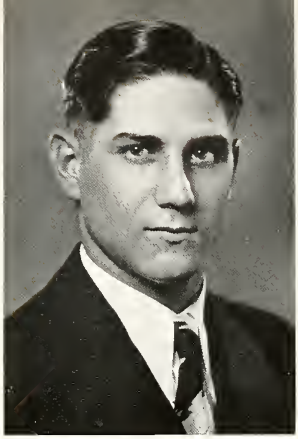


J. DUNLAP McNAIR
Chemical

Alpha Chi Sigma; Tau Beta Pi
Camera Club, 1
Pres. Alpha Chi Sigma, 3-4
Pres. Dorm. Ass'n, 3
Technic Staff, 3-4
MeGregor Scholarship, 3-4
Honorable Mention, 1-2-3



AVENTINO J. MASSA
Electrical

Rifle Club, 1-2-3-4
Vice-Pres. Rifle Club, 4
Rifle Team Letter, 1-2-3-4
Capt. Rifle Team, 3
A. I. E. E.

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HAROLD DICKS
Mechanical

B.S. in E.E., '30

WILLIAM A. HAYNES
Mechanical

B.S. in E.E., '32

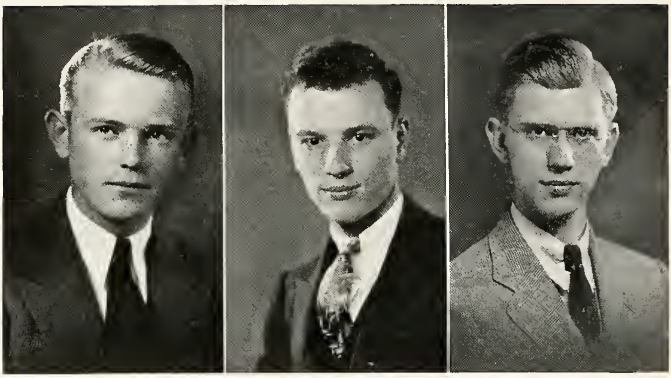
ROBERT M. CLARK
Special Student

B.S. in E.E., '32

A man's life is made by the hours when great ideals lay hold of him and except by way of living persons there is no channel down which great ideas come oftener into human lives than by way of books.

HARRY EMERSON FOSDICK.

Junior Class Officers



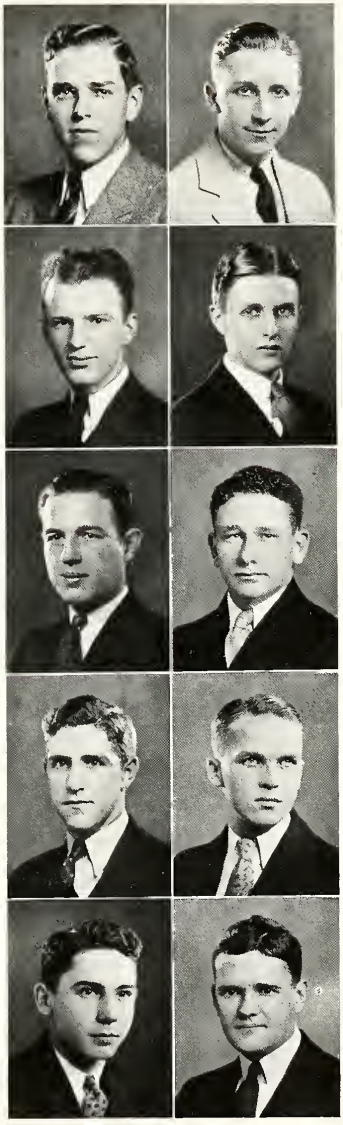
Albert L. Yates	H. L. McGurk	John H. Ritter
President	*Vice-President*	*Secretary-Treasurer*

One of the largest classes to ever start in at Rose, the present junior class has had quite a few of its number to fall at the wayside, but there still is a good representation left to carry on for the work and name of '34.

Many things have happened which every one in the class will look back on, some as pleasant memories and some not quite so pleasant. A junior banquet second to none was given with the whole-hearted cooperation of everyone. We have seen the installation of a new president, have seen the abolishment of freshmen hazing, the beginning of a new curriculum, and many triumphs of members of our class. Well represented in all the fields of school work and social activities we can well be proud of all our accomplishments.

Throughout the three years that we have been at Rose we have set many standards that wll be very hard to better. What we have done for Rose does not begin to compare with what she has done for us and every member of the class of '34 realizes their indebtedness to the school. Let us hope that the succeeding classes appreciate what Rose does for them as much as we do.

John H. Ritter.



RUSSELL E. ARCHER
Electrical

Theta Kappa Nu; Camera Club, 3
Rifle Club, 1-2; Radio Club, 2-3
Vice-president Radio Club, 3
Secretary Radio Club, 3
President Theta Kappa Nu, 3
A. I. E. E.

WILLIAM A. BELSTROM
Civil

Sigma Nu; Rifle Club, 1-2
Glee Club, 1-3; A. S. C. E.
Soph. Athletic Representative
Basketball, 1; Baseball, 2

WILLIS S. BIGGS

Theta Kappa Nu; Tau Nu Tau
Alpha Chi Sigma; Glee Club, 1-2-3
Rifle Club, 1-2
Asst. Bus. Mgr. Modulus, 3

JAMES G. BROWN
Chemical

Alpha Tau Omega; Tau Beta Pi
Blue Key; Editor (Rose Technic), 3
Scholarship, 1-2-3; Technic, 2-3
Handbook, 2-3; Rose Show Comm.,2
Rose Honor man, 3
Heminway Medal, 1

ANTHONY J. BURGETT
Mechanical

STEPHEN P. CAULEY
Chemical

Alpha Chi Sigma; Tau Nu Tau
Rifle Club, 1-2; Football, 3

JOSEPH B. CREEDON
Chemical

Alpha Tau Omega; Alpha Chi Sigma

RUFUS DANNER, Jr.
Mechanical

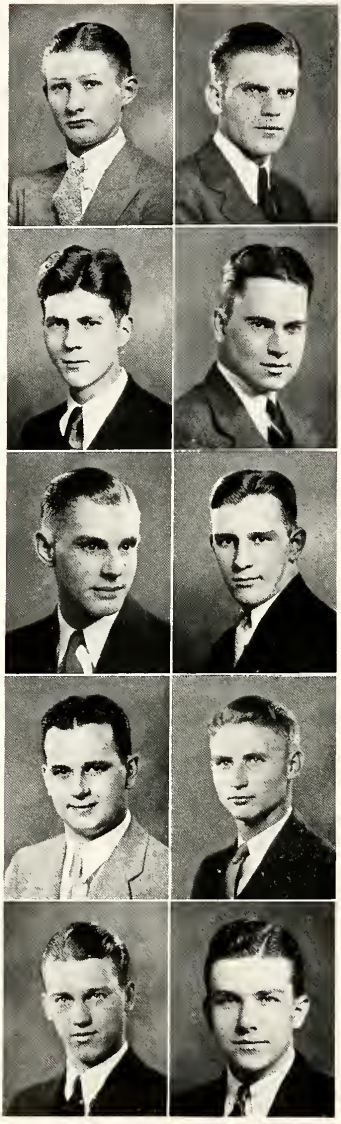
Theta Kappa Nu; Tau Nu Tau
Rifle Club, 2-3

HENRY HERBERT DOUGLAS
Chemical

Alpha Chi Sigma; Tau Nu Tau
President of Sophomore Class
Scholarship, 1-2; R. O. T. C.

JOHN DOYLE
Electrical

A. I. E. E., 3; Radio Club, 3
Rifle Club, 1-2



WARD W. ENGLE
Chemical

HENRY FICK
Electrical

Theta Kappa Nu; Radio Club, 3
A. I. E. E.; Military Band, 1-2
Technic Staff, 2
Rea Scholarship, 1-2

R C. HORNUNG
Electrical

Radio Club, 3; A. I. E. E., 3

JOHN H. KELLER
Civil

Alpha Tau Omega; Tau Nu Tau
Rifle Club, 3; Camera Club, 3
R. O. T. C.; A. S. C. E., 2-3
Sec. and Treas. A. S. C. E., 3
Technic Staff, 3

W. CLIFFORD LAMB
Electrical

Alpha Tau Omega
A. I. E. E.

ELVIN L. EVERETT
Civil

JACK H. FOULKES, Jr.
Mechanical

Alpha Tau Omega; Blue Key
A. S. M. E., 3
Sec'y-Treas. of freshman class
Show Chairman, 2
Athletic rep., 3; Modulus, 1
Technic, 2-3; Football Mgr., 1-2

BRENT C. JACOB, Jr.
Electrical

Sigma Nu; Rifle Club, 1
Glee Club, 3; Radio Club, 3
President Freshman Class
Technic Staff, 2; Modulus Staff, 3
Recording Sec. Student Council, 1
Band, 1-2; Scholarship, 1-2

EDWARD KETCHUM
Chemical

Phi Gamma Delta
Alpha Chi Sigma

F. J. LANDENBERGER
Mechanical

Sigma Nu; Tau Nu Tau
Rifle Club, 1; A. S. M. E., 3
Sec. Ath. Ass., 1; Sec.-Treas. Class, 2
Modulus Staff, 3; Football, 1-2-3
Capt. Elect Football, 4
R. O. T. C.

ROBERT C. LARSH
Chemical

Delta Tau Delta; Tau Nu Tau

HERBERT McANINCH
Mechanical

H L. McGURK, Jr.
Mechanical

Alpha Tau Omega; Tau Nu Tau
Blue Key; Modulus Staff, 2
Technic Staff, 3; Vice-Pres. Class, 3
Basketball Manager, 1-2
Football Manager, 3; Honor Man, 3-
Debate Club, 3; A. S. M. E.

LYLE R. MAEHLING
Electrical

Alpha Tau Omega; A. I. E. E., 3
Radio Club, 3; Rifle Club, 1-2
Football, 2; Rose Show, 2

FRANK MANSUR
Electrical

Alpha Tau Omega; A. I. E. E.
Modulus Staff, 3; Camera Club, 2-3
Radio Club, 3; Debate Club, 3
Rose Show Poster Comm., 2

J. I. MASON
Mechanical

Tau Nu Tau; Rifle Club, 1-2-3
A. S. M. E.

JOHN R. MATTINGLY
Architectural

Sigma Nu ;
Mndulus Staff, 3
A. S. C. E.

JOHN A. MOORE
Chemical

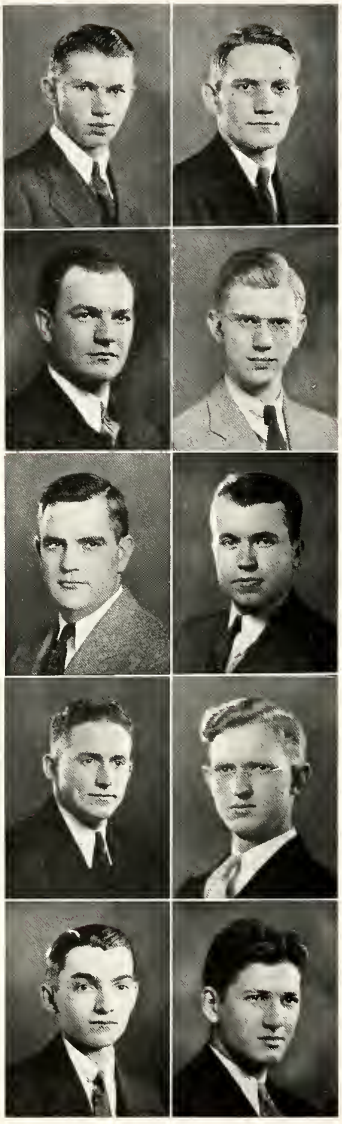
Alpha Tau Omega; Alpha Chi Sigma
Rifle Club, 1-2; Camera Club, 1
Glee Club, 1
Treas., Alpha Chi Sigma, 3

A. G. MORRISON
Civil

Alpha Tau Omega; Tau Nu Tau
Debate, 3; Camera Club, 3
Rifle Club, 3; A. S. C. E.
Class Scrap Captain, 1; Modulus Staff
Basketball, 1-2; Football, 2-3
R. O. T. C.; Honor Man

J. R. MOTZ
Civil

Tau Beta Pi; Tau Nu Tau
Rifle Club, 3; A. S. C. E.
R. O. T. C.; Technic Staff, 2-3
Business Mgr. Technic Staff, 3
Student Handbook Comm., 3
Rea Scholarship, 1-2-3
Honorable Mention, 1-2-3
Honor Man, 3; Show Chairman, 2



MERITT F. MYERS
Chemical

JACK NEWSOM
Architectural

JACK NICKEL
Civil

Alpha Tau Omega
Tau Nu Tau; A. S. C. E.
McGregor Scholarship, 1-2-3-4

JOHN A. RITTER
Mechanical

Sigma Nu; Tau Beta Pi
A. S. M. E.; Glee Club
Honorable Mention, 1; Honor Man, 3
Technic Staff, 3
Secy.-Treas. Class, 3
Financial Secy. Student Council, 3
Secretary Glee Club, 3

PAUL R. SMITH
Civil

Tau Nu Tau; Alpha Chi Sigma
Rifle Club, 1-3

HOWARD A. STADERMANN
Electrical

Radio Club, 1-2-3; Debate Club, 3
Camera Club, 1-2-3; Rifle Club, 1-2
President of Radio Club, 3
Junior Chairman, A. I. E. E., 3
Student Council, 3

GEORGE F. STARK
Mechanical

Tau Nu Tau; A. S. M. E.
Rifle Club, 1-2-3

H. LOREN THOMPSON
Architectural and Civil

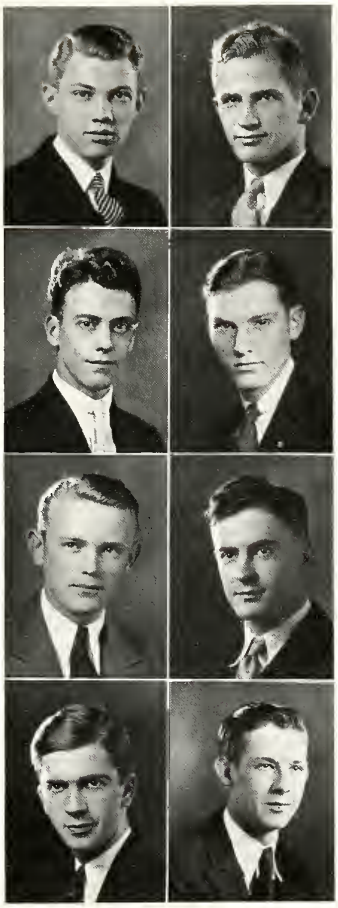
A. S. C. E., 3; Show Chairman, 2
Scholarship, 1-3

RICHARD K. TONER
Chemical

Alpha Chi Sigma; Tau Beta Pi
Camera Club, 1-2; Glee Club, 3
Debate Club, 2-3
President Alpha Chi Sigma, 3
Technic Staff, 2-3
Student Handbook, 2-3; Honor Man
Debate Team, 2-3
Rea Scholarship, 1-2-3

MAURICE TUCKER
Electrical

Tau Beta Pi; Radio Club, 3
Modulus, 2; McGregor Scholarship, 3
A. I. E. E.



ARTHUR W. TUEMLER
Mechanical

Alpha Tau Omega; Rifle Club, 1-2-3
A. S. M. E., 3; Band 1-2-3

RONALD UPDIKE
Mechanical

HAROLD WILLIAMS
Mechanical

JOHN A. WILSON
Mechanical

Rifle Club, 1-2; Radio Club, 3
A. S. M. E.

ALBERT L. YATES
Civil

Sigma Nu; Tau Nu Tau
Rifle Club, 1; A. S. C. E., 3
President, 3; Student Council

W. WHITNEY YOST
Mechanical

Rifle Club, 1; Radio Club, 3
A. S. M. E.

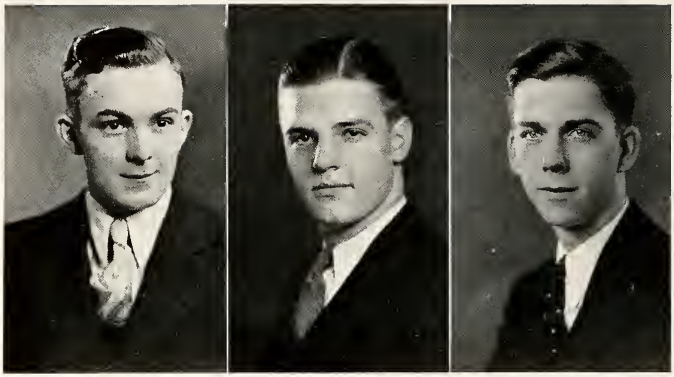
JOHN H. WELSH
Mechanical

Alpha Tau Omega; Glee Club, 1-2-3
Band, 1-2-3; Rifle Club, 1-2
A. S. M. E.; Football Mgr., 1-2-3

GENE A. ZWERNER
Electrical

Alpha Tau Omega; Radio Club, 3
Rifle Club, 1-2; A. I. E. E.
Modulus, 2-3
Advertising Mgr. of Modulus, 2-3
Junior Banquet Comm.

JOHN BABILLUS
HOWARD C. BARNES
HARLAN C. JOHNSON
ERNEST LEITZMAN
NORMAN E. WATSON



Carl W. Price
President

Jay F. Hall
Vice-President

Ernest J. Welsh
Secretary-Treasurer

The Sophomore Class

The second year is past—the half-way point has been reached by the class of '35. What a year it has been! Just mention hard work to any sophomore—then sit back and listen. You're in for a tale of woe. Due to the change in curriculum, the class of '35 has had a harder schedule than sophomore classes have had or will have. However, imbued with the spirit of the drill field, the class has driven right through it all with relatively few casualties. In fact in each phase of life at Rose the class of '35 has strengthened it's position.

In scholarship the class has the distinction of having the highest individual average; twelve men were placed on the optional class attendance list; and seven men received scholarships for one sophomore year. In athletics the sophomore class was well represented in intercollegiate football, and in the interclass sports, basketball and baseball. Campus activities, social life, club work, and student publications—in each of these fields the class is well represented.

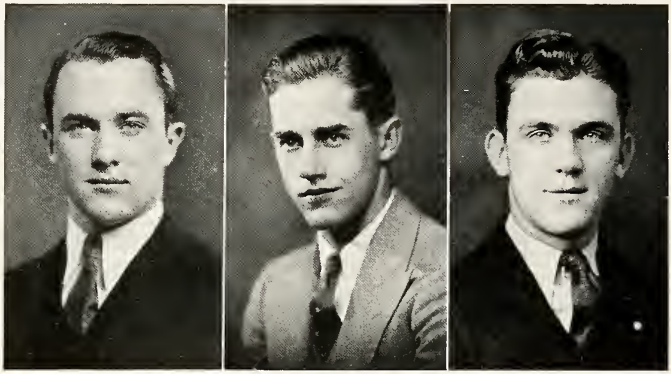
This class eulogy, at first thought, may seem to be merely a pat on the back for the "Sophs". It is not; it is merely a measure of the success which Rose has experienced in the process of making engineers and, more important, real men, out of raw material unearthed in September, 1931.

We're up to the turning point; the foundation has been laid. "Carry on".

Jay F. Hall.

Sophomore Class Roll

Asbury, Robert B.
Bard, Albert L.
Bernd, Robert T.
Bradley, John A.
Brannen, John W.
Brinkman, John F.
Burt, Gordon L.
Butler, Earle B.
Carrico, E. Ewing
Cavanaugh, George E.
Cody, Emmet J., Jr.
Colburn, Deforest W.
Cooprider, Ray
Cromwell, Norman H.
Cushman, John A., Jr.
DeWitt, Joseph H.
Dierdorf, Claude C.
Eyke, William C.
Fuller, John J.
Giacoletto, John P.
Hager, John J.
Hall, Jay F.
Hamilton, Ezekiel A.
Hartman, John E.
Heck, Louis W.
Hess, Arthur W.
Hoffman, James H.
James, Albert L.
Kiefner, Richard E.
Kroesch, Milton F. W.
Loman, John K.
Lyon, Louis S.
McCord, Harry
McEowen, Albert V.
McIntyre, Burril F.
Marks, J. Robert
Mason, Karl L.
Mayrose, John F.
Melton, Bernard P.
Montgomery, Paul C.
Moore, Joseph L.
Mueller, Eugene J.
Nelson, J. Carl
Newman, Emerald F.
Pearce, Bert L.
Pratt, William S.
Presnell, Paul
Price, Carl W., Jr.
Reedy, Paul H.
Reid, Clarence
Reintjes, Harold
Rennels, Ray
Richardson, F. Hayden
Richardson, Harry H.
Self, Robert W.
Shaw, Virgil E.
Smith, Jesse W.
Smith, Thomas H.
Straw, John A.
Templeton, C. Wendell
Terhorst, P. Byrne
Trusler, Nelson B.
Tucker, Norman E.
Weaver, Joseph B.
Welsh, Ernest J.
Wiles, Fred W.
Wood, Arthur F.



Byron Pearson
President

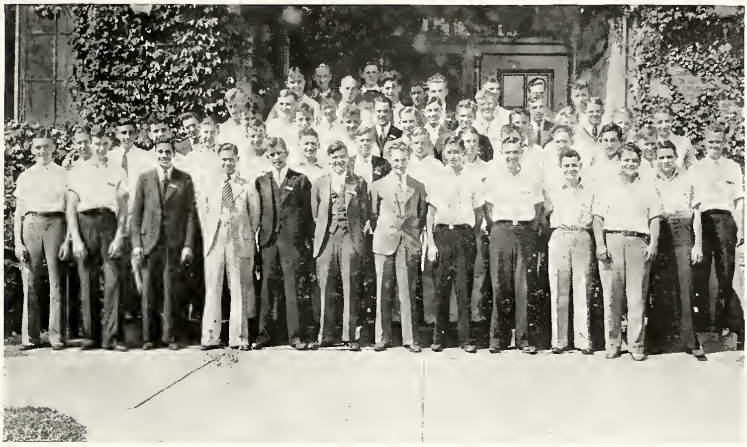
Raymond Laughlin
Vice-President

Joseph Walker
Secretary-Treasurer

The Freshman Class

On September 12 of last fall we had our first taste of college life and how good it tasted! The campus, the main building full of its seemingly complicated machinery, the dormitory and the lake nearby seemed just like so many magnets that drew us close to them, each giving us a thrill. There is no doubt in our minds that this first day shall always be one of our most coveted memories. On that day fifty-seven green freshmen came from near and far with high aspirations of becoming a Rose graduate within four years. After a few weeks of accustoming ourselves to the ways of life at Rose, we deemed it wise to organize. Now, just as we were feeling that we were somebody, along came Sophomores who duly subordinated us and gave us some instructions as to what we must do—or else! The usual duties were, of course, prevalent, and we brought Rosie down for all home football games and supplied the doughnuts and cider at Homecoming without much opposition to our instructions. Four of us gained the cherished Rose "R" on the football field. Then before we knew it along came mid-terms! Quite different from those simple high school exams! This week of struggle was soon followed by a very much appreciated Xmas vacation, after which t seemed very hard to get back to normality. The next memory that comes to our minds is good old Rush Week! Kings for three days were we, but it couldn't last forever and, well, it was a wonderful experience! Now, feeling confident of success this first year, we are looking forward to the next three years at the Institution. Would that all of us stay for the next three years and become a Rose graduate!

Joseph Walker.



Freshman Class Roll

Bacon, Jack G.
Bennett, Paul D.
Blair, Francis M.
Brosey, Oscar M.
Burget, John R.
Campbell, James
Cartwright, Philip
Clay, Wallace
Creal, William R.
Denehie, Edward
Duenweg, Louis
Evinger, Charles T.
Ford, F. Duane
Forte, John A.
Garmong, Harry E.
Hall, Harold K.
Harrod, Raymond J.
Hehman, Donald T.
Hopewell, Robert
Howard, Edward E.
Hufford, James F.
Johnson, Houston
Kassameyer, William *E.*
Laughlin, Raymond R.
Leever, Edward B.
Libbert, Robert D.
Long, Martin
Luken, Walter W.
Lyon, Hubert
Macdonald, Charles *E.*
McKee, Paul H.
Mann, John W.
Metz, Richard C.
Mewhinney, Albert B.
Modesitt, Fred W.
Moore, Wilmot S.
Overholser, Daniel
Pearson, Byron
Roberts, Jack
Ross, Joseph B.
Salisbury, Neil A.
Sentman, Warren S.
Sonnefield, John E.
Spain, Richard W.
Staats, Wayne F.
Staley, William G.
Troll, Donald M.
Utter, J. Lyon
Walker, Joseph H.
Weinbrecht, Albert M.
Whitesell, Charles *R.*
Whitesell, John E.
Wilber, Eugene W.

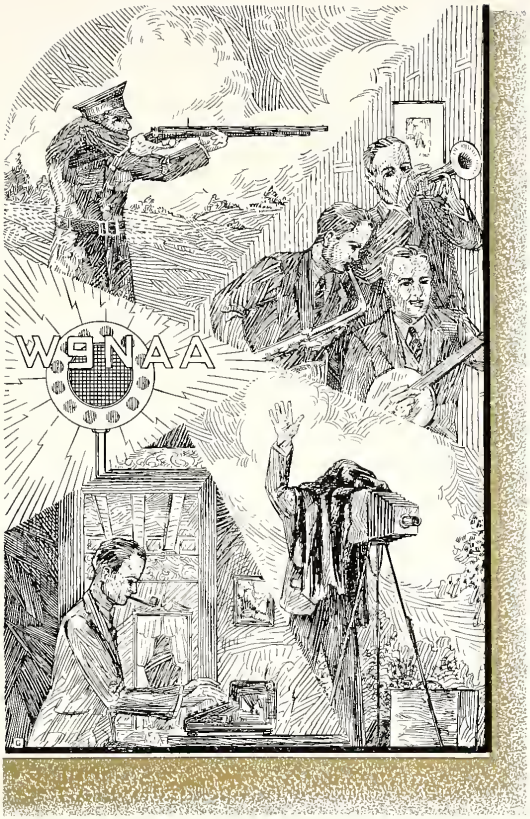
THREE DAYS

So much to do: so little done!
Ah! yesterday I saw the sun
Sink beamless down the vaulted gray,—
The ghastly ghost of YESTERDAY.

So little done: so much to do!
Each morning breaks on conflicts new;
But eager, brave I'll join the fray,
And fight the battle of TODAY.

So much to do: so little done!
But when it's o'er,—the victory won,—
Oh! then, my soul, this strife and sorrow
Will end in that great, glad TO-MORROW.

JAMES R. GILMORE.



ACTIVITIES

The Student Council

Front row—James Skinner, Technic; Merrill Bradfield, Financial Sec'y., 1932-33; Wilton Brown, President and Glee Club; Edwin Withers, Rifle Club; Carl Price, Sophomore Class.

Middle row—Albert Yates, Junior Class; Byron Pearson, Freshman Class; Kyle Miller, Camera Club; Howard Staderman, Radio Club.

Back row—John Ritter, Financial Sec'y., 1933-34; James Guymon, Modulus; William Heidenreich, Senior Class; Irwin Rosenak, Debate Club.

Since 1899, Rose Polytechnic has had a Student Council. At this time it was certainly a novel idea to have any form of student governing bodies but its widespread adaptibility proved its success. Rose is justly proud that it was one of the pioneers in such an organization. There are a few schools that have not yet adopted this method of student-faculty coordination but the majority have, and each year finds new ones giving this method a trial.

The purpose of such an organization is to bring closer cooperaton between the student body and the faculty. It also is a means of coordinating the work of the various clubs, and classes, and to cooperate with the faculty in all manners pertaining to the welfare of the school and its students. With this view in mind, the Student Council consists of the presidents of the various clubs and the four classes of the Institute.

Some of the specific duties of the council are to present all petitions from the student body to the Faculty or the Board of Managers, to confer with the Faculty or the Board of Managers on all matters of college interest, to fix the amount payable to the Student fund and to distribute this fund, to award honor keys, and in general to serve as means of connection between the students, the faculty, and the Board of Managers.

Rose Honor Men

Top row—Merrill Bradfield, Wilton Brown, James Guymon, Herbert Hylton, Irwin Rosenak.

Middle row—James Skinner, Edwin Withers, James Brown, Harry McGurk.

Bottom row—A. G. Morrison, John R. Motz, Harry Richardson, John Ritter, Howard Staderman, Richard Toner.

One of the honors that all members of the Rose student body can strive to attain is the distinction of being listed as one of the Rose Honor Men. Very seldom does a Freshman add his name to this list, but the honor can be his if he works toward that goal. This honor is conferred upon those men of Rose who have devoted much of their time to the extra-curricular activities that make college life much more interesting for all students. To honor these men and to encourage more men to take part in these activities, the Student Council in 1925 installed the Honor Point System. This system provides that those men who participate in any of the various extra-curricular activities shall be awarded honor points.

The number of honor points that are granted for participation in any activity depends on the importance of the activity and the time that it requires. Honor points are awarded to lettermen, managers of athletic teams, yell leaders, the chairmen of the Rose Show, debators, class and club officers, those who receive scholarships and honorable mention, and to members of the Athletic Board, Student Council, Technic Staff, Modulus Staff, Student Handbook Staff, and the Junior Prom committee.

When any student has received twenty honor points in one year or fifty in his four years, he is awarded an Honor Key, one of the most distinctive honors that can be given a Rose student.

James C. Skinner
General Manager

James G. Brown
Editor

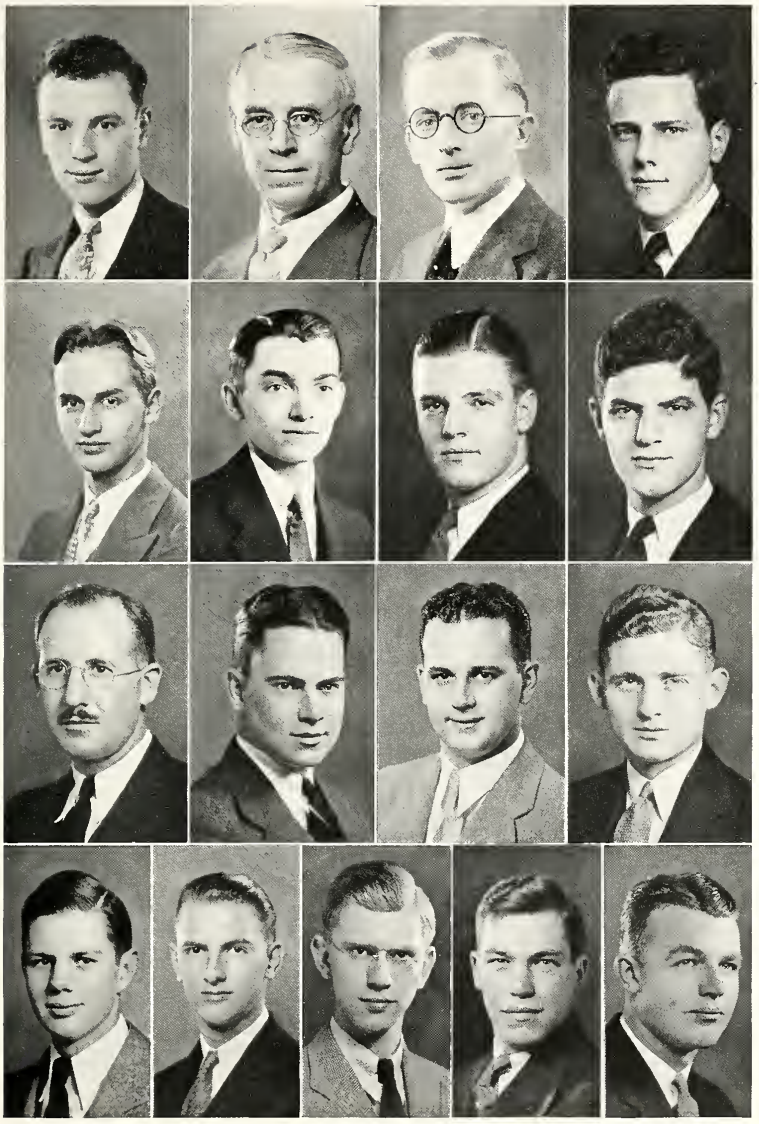
The Technic

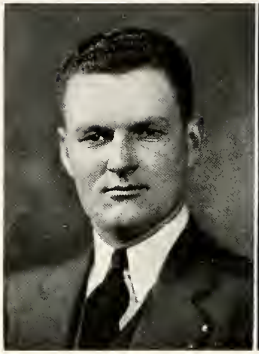
Harry L. McGurk	Associate Editor	J. Robert Motz	Business Manager
Albert A. Faurot	Faculty Adviser	Jack H. Foulkes	Advertising Manager
Henry C. Gray	Faculty Adviser	Earle B. Butler	Ass't. Circulation Manager
John J. Hager	Assistant Editor	Gordon L. Burt	Ass't. Advertising Manager
J. Dunlap McNair	Contributing Editor	Robert H. Swoboda	Research and Progress
Richard K. Toner	Alumni Editor	John A. Ritter	Campus Editor
Jay F. Hall	Ass't. Alumni Editor	Harry H. Richardson	Sports Editor
Arthur W. Hess	Art Editor	Joseph H. DeWitt	Humor Editor

Since its publication was started in 1891, the Rose Technic has had an unbroken history of progress. Probably the most important steps in ths development occurred in 1899 and in 1921. The former year witnessed the admission of the Technic to the Student Council, while in the latter the magazine became affiliated with the Engineering College Magazines Associated.

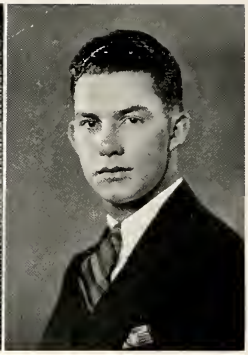
As a member of the Student Council, the Technic receives a portion of the student fund each year. In return, every student receives a subscription to the magazine and is enabled, through its student, faculty, and alumni articles on engineering and allied subjects, to keep in touch with current progress in his chosen profession. But the Technic is more than a technical journal—it carries non-technical articles and campus, sports, alumni, fraternity, and humor departments, and affords opportunities for students with literary and journalistic inclinations.

The Engineering College Magazines Associated has enabled Rose to maintain contacts wth all the leading engineering colleges in the country and has done much to improve the editorial and business character of the magazine. With pride the Technic calls attention to the fact that for nearly two consecutive years it has received an "A rating" on every issue—a record not surpassed by any other member of the Association and equalled by only one or two others.





James F. Guymon
Editor



Merril L. Bradfield
Business Manager

The Modulus

N. C. Blair	Senior Sales Manager
Gene Zwerner	Advertising Manager
Robert Barr	Photographic Editor
O. L. Stock	Faculty Advisor
Frank Mansur	Assistant Editor
James Cantwell	Campus Editor
Frank Crawford	Art Editor
Tom H. Batman	Athletic Editor
John R. Mattingly	Humor Editor
Edwin Withers	Ass't. Photographis Editor
Brent C. Jacob, Jr.	Ass't. Advertising Manager
A. G. Morrison	Ass't. Advertising Manager
Joe Weaver	Ass't. Art Editor
Virgil Shaw	Ass't. Campus Editor
Willis Biggs	Ass't. Business Manager
F. L. Landenberger	Junior Sales Manager
Clarence Reid	Sophomore Sales Manager
Charles Whitesell	Freshman Sales Manager

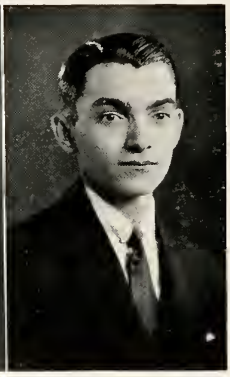
The first annual publication of Rose Polytechnic Institute, the Modulus, was made in 1892 by the senior class. The Modulus was then published biennially by the junior class until 1922, and then until 1929 yearly by the student body of Rose Polytechnic Institute. After a lapse of two years the 1931 Modulus was published. That year a constitution was drawn up and the book was put on a firm basis.

The Modulus now has a seat on the student council and receives a portion of the student fund. Staff members receive both honor points and credit points.

The present staff in publishing this eighteenth volume of the Modulus wishes to express its appreciation of the assistance of those not on the staff who so aided in the publication.

James C. Skinner
Editor-in-chief

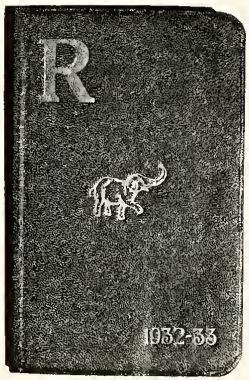
James G. Brown
Associate Editor



Richard K. Toner
Associate Editor

The Handbook

The students of Rose can consider themselves lucky in having such a book as the Handbook included in their publications. The many times that this book is referred to by every student is evidence of its great importance to him. The book proves to be a helpful, ready reference for all school matters, as almost every phase of activity is to be found in it. If it were not for the Handbook, half of us would not know many of the essential things that we should know about the functions and activities of the school. With this thought, of aiding and informing, the Student Handbook has been edited every year with the necessary data for that year in it.



The Handbook is published by the Student Council by means of a staff appointed by it. This year's staff published the thirty-fourth edition in a very nice style.

The freshmen receive the greatest benefit from the Handbook, for it informs them of the rules and customs which direct the activities and clubs, the social life of the school, the fraternities, athletics, and gives them such general information as the rules and routine of the school. By the time one is a sophomore he knows most of this definite information, but the yearly information seems to increase the value of the Handbook for all students.

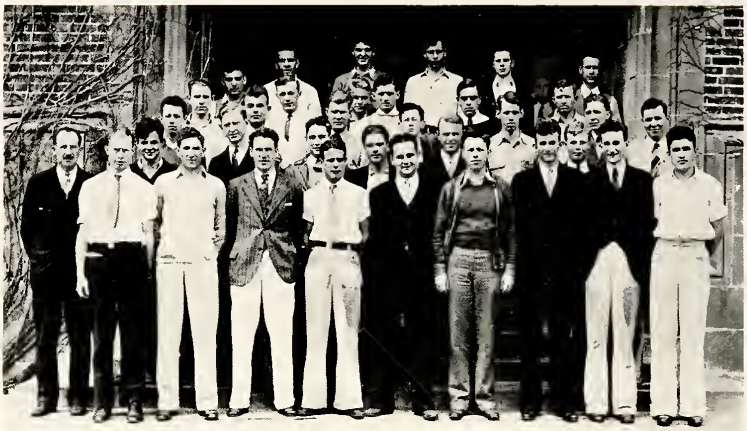
A. S. M. E.

Rose Polytechnic Institute has had an active student branch of the American Society of Mechanical Engineers since 1926. This organization consists of members of the Junior and Senior Classes.

This year, student participation in meetings was emphasized in order to give the members the opportunity to present reports before an audience. Several interesting technical reports were given at meetings by members of the student branch. At one of the meetings the speaker's report on commercial welding was illustrated with moving pictures borrowed from the Linde Aire Products Company. Other activities of the Society consisted of a trip to Purdue University to attend the meeting of the Indianapolis Section of the A. S. M. E., and an inspection trip to the Tribune Building in Terre Haute to study the operation of newspaper printing machinery.

The success of the student branch, this year, was due to the willingness of the students to take an active part in conducting meetings.

Herbert Hylton	*President*
Merrill Bradford	*Vice-President*
Theron Detrick	*Secretary*
Irwin Rosenak	*Treasurer*
Mr. H. C. Gray	*Honorary Chairman*



A. S. C. E.

The American Society of Civil Engineers was instituted in 1852 and is the oldest National Engineering Society in the United States. It was organized for the purpose of advancing engineering and architectural knowledge.

The President of the American Society of Civil Engineers, Alonzo J. Hammond, is a Rose alumnus, class of 1889.

There are 87 Student Chapters affiliated with the Society. Members of the Student Chapters are entitled to attend meetings; to accompany inspection trips and excurisions arranged for members of the Society, and to hear, on special occasions, eminent speakers. The Student Chapter at Rose Polytechnic was installed in 1921.

Meetings of the local Student Chapter are held once each month of the school year. The programs have consisted of lectures and moving pictures on subjects closely associated with the civil engineering profession. The chapter was given a grade of A in the latest rating of Student Chapters.

Professor R. L. McCormick, faculty sponsor, is a member of the A. S. C. E. Committee on Student Chapters.

Homer W. Fisher	*President*
John Keller	*Secretary-Treasurer*
Professor R. L. McCormick	*Faculty Sponsor*

A. I. E. E.

The American Institute of Electrical Engineers was organized in 1884 at a time when electrical development was in its infancy. The student branch of A. I. E. E. was organized at Rose in 1911 from which time it has been very active.

The local branch has held at least one meeting each month this year with the entire programs conducted by the student members themselves. Many modern electrical developments were discussed in these meetings, which enable the students to understand numerous practical problems which are not discussed in class. These programs also enable the students to visualize difficulties which may be encountered after leaving school.

In addition to the regular meetings of the branch, three extra meetings were held, consisting of an excellent program presented by The Indiana Bell Telephone Co., a trip to the Dresser Power Plant, and the annual meeting with the Purdue and Illinois Branches.

JOHN C. DALRYMPLE . . . . . *Chairman*
GLEN T. LAUTENSCHLAGER . . . . . *Secretary-Treasurer*
PROFESSOR C. C. KNIPMEYER . . . . . *Faculty Adviser*

Rose Radio Club

During the past school year the Rose Radio Club has had a very active program. The chief interest of the club has been centered in the construction of a short wave transmitter and the successful operation of the station. Federal authorization was obtained from the Federal Radio Commission to build and operate this station, and call letters were assigned as W9NAA. During spare school hours a body of students can always be found in the club room, learning to master the fascinating art of the telegraph code. Members of the club of advanced proficiency operate the station, and are able to communicate with other stations in the United States and foreign countries.

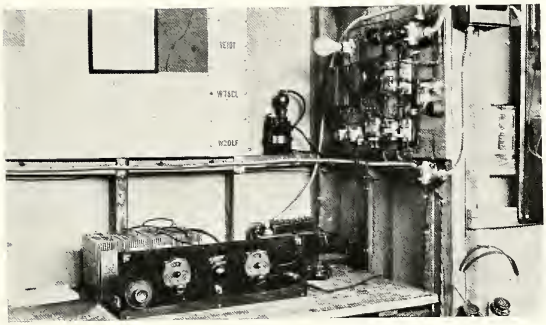
In order to make it possible for a greater number of students to enjoy the use and operation of the radio station, the club sponsored a radio code class in the early spring season. Cards and letters were received from many interested listeners from the Middle West, who expressed appreciation for the fact that Rose Polytechnic Institute had provided such a service. Some members of the club have experienced the thrill of talking around the world to stations in Australia and New Zealand. Cards are received in the due course of time from these stations, and are proudly displayed in the club room. Free message service to all parts of the United States is provided by means of affiliation with similar stations throughout the country. The Rose Radio Club is an official club station of the American Radio Relay League and cooperates with other university and college stations in the exchange of experimental data and information. The club station is considered one of the most unique of its kind in this part of the country, and is serves as a useful and instructive recreation for its members.

The Faculty members and students give interesting discussions on current radio problems and theory. Inspection trips to near-by radio stations familiarize members with commercial radio installations and applications.

HOWARD STADERMAN ..... *President*
WILLIAM BACHELOR ..... *Vice-President*
RUSSELL ARCHER ..... *Secretary-Treasurer*
DR. B. A. HOWLETT ..... *Faculty Advisor*

Views of Station W9NAA

The club on the day of formal opening.



Central station in main building.

Transmitting equipment.

Camera Club

Recognizing the value of photography to the engineer, Professor Ames organized, in the early years of the school, the Pyro Club, for the purpose of offering instruction in this art.

Interest in the club varies from year to year, but there is usually a small but interested group to carry on. The club has undergone several reorganizations, in one of which the name was changed to the Rose Tech Camera Club. The present club is the result of such a reorganization in 1926 under the direction of Professor Peddle.

The club has a large and well equipped dark room in the main building, and any interested student can generally find a fellow student able and willing to give him benefit of his experience in getting started.

Contests are held each season for various classes of photographs, offering the members an opportunity to show their skill in using their cameras and in finishing their pictures.

KYLE M. MILLER ..... *President*

ROBERT L. BARR ..... *Vice-President*

EDWIN J. WITHERS ..... *Secretary-Treasurer*

Glee Club

The Glee Club seems to be definitely settled as one of the Rose Clubs again, for each year it expands in its direction of Mr. Clyde Bennett, who took up the work where Professor Rechlin stopped last year.

The list of assemblies at Rose would not be complete if the Glee Club did not appear before at least one of them. It also entertains various organizations, and occasionally broadcasts over WBOW, the local radio station.

As an added feature to the work this year, the men appeared before some of the local high schools to entertain at the assembles. They were present, also, at a concert in Indianapolis given by all the College and University glee clubs in the State of Indiana.

The Glee Club offers good training, pleasure, and entertainment to those who are interested enough in singing to devote two hours a week to practice. As a tangible reward for this service, all members of the Glee Club receive honor points, and the president is entitled to a seat on the Student Council.

A glee club seems to add to the spirit of college life; so the whole school is glad that a glee club is named among the clubs at Rose.

Wilton Brown	*President*
Wendell Templeton	*Vice-President*
John Ritter	*Secretary*
Eugene Mueller	*Treasurer*

Debate Club

The Debate Club has had this year perhaps the best season since its founding. Because of the great number of men who turned out for debating last fall, four teams were formed instead of the usual two. At the opening of the season all four teams went to the debate tournament at Manchester College where they participated in eighteen debates.

The subject for debate this year was "Resolved that at least one half of all state and local revenue should be derived from sources other than the tax on tangible property." This subject was very appropriate and caused many heated arguments in all the debates. After the tournament debates were held with Evansville College, Hanover College and Wabash College.

The members of the teams this year were:

First Affirmative: Sentman, Toner, Ketchum.
First Negative: McGurk, Rosenak, Skinner.
Second Affirmative: Stadermann, Mansur, Batman.
Second Negative: Hall, Tucker, Morrison.

The entire club expresses its appreciation and thanks to Prof. Bloxsome for his efforts in making a very successful debating season.

Irwin Rosenak ..... *President*
Richard Toner ..... *Secretary-Treasurer*
Professor Bloxsome ..... *Faculty Advisor*

Rifle Club

The Rose Rifle Club was organized in 1914 and was very soon affiliated with the National Rifle Association of America. The club has severed its connection with the N. R. A. since then, and is now under the direct supervision of the Military Department.

The Rose Polytechnic Rifle Team is chosen from members of the club and they represent the school in all telegraphic and shoulder-to-shoulder matches. The team entered the National Hearst Trophy Match, the National Society of Military Engineers Match, the Fifth Corps Area Intercollegiate Match, and fired against sixty other colleges and Universities throughout the United States. The team also entered into should-to-shoulder competition with the Terre Haute National Guard, Indiana University, Illinois University and Dayton University.

Medals for excellence in shooting were made possible through the generosity of Major D. B. Shourds, Engr. Res. of the American Legion, Fort Harrison Post No. 40 of Terre Haute, and of the Rose Military Department.

Ed. Withers	*President*
Aventino Massa	*Vice-President*
Tom Batman	*Secretary-Treasurer*
Lieut. G. J. Sullivan	*Faculty Advisor*
Warrant Officer Sylvester Kearns	*Coach*

Front row—D. Ringo, E. J. Withers, *Team Captain*, Warrant Officer S. Kearns, A. J. Massa, *and* G. T. Lautenschlager.

Back row—E. A. Schroeder, A. B. Mewhinney, B. F. McIntyre, A. L. Bard.

Rifle Team

The Rose Rifle team ended a very successful season by registering five victories and three defeats in the first shoulder-to-shoulder competition ever entered by a Rose team.

The experience that the team derived from this shoulder-to-shoulder competition will undoubtedly prove very valuable and it is expected that next year they will take part in the National Rifle Association shoulder-to-shoulder competition. The team is to be congratulated on its splendid showing against other experienced teams such as the University of Dayton, Indiana University and the University of Illinois.

The Rose team went to Indiana University for a triangular match with Indiana and Dayton, was host to the Indiana and Illinois teams for a triangular match at Rose, and fired against the Terre Haute National Guard once at Rose and once at the Armory.

Rifle shooting has become a very important sport at Rose and competition for the team that represents Rose in the various matches was very keen. Much credit is due Warrant Officer Kearns as coach for his untiring efforts to coach his team in such a manner that they would make a good showing. He was always ready to open the rifle range for practice and keep late hours for the benefit of those who had late classes.

At the close of the season E. J. Withers was chosen as team captain.

The following men were awarded sweaters with minor "R's": A. J. Massa, E. J. Withers, D. Ringo, G. T. Lautenschlager, E. A. Schroeder, B. F. McIntyre.
Winners of the awards are named as follows:

Indoor Small Bore Championship—

1st Place—Trophy	A. J. Massa
2nd Place—Silver Medal	E. J. Withers
3rd Place—Bronze Medal	E. A. Schroeder

Frances Gulick Shourds Award for R. O. T. C. Championship—

1st Place—Trophy	E. J. Withers
2nd Place—Silver Medal	B. F. McIntyre
3rd Place—Bronze Medal	A. B. Mewhinney

American Legion Award—

1st Place—Gold Medal	E. J. Withers
2nd Place—Silver Medal	B. F. McIntyre
3rd Place—Bronze Medal	A. B. Mewhinney

Results of the shoulder-to-shoulder competition:

Triangular match at Indiana University—

	Score
1st Place—University of Dayton	1337
2nd Place—Indiana University	1316
3rd Place—Rose Poly	1263

National Guard Match at Rose—

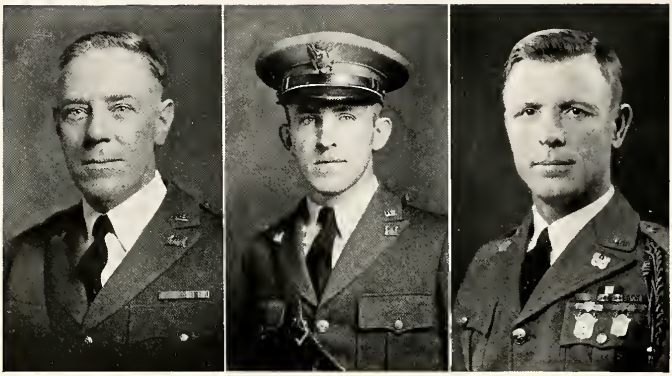
1st Place—Rose Poly	1717
2nd Place—Company C	1641
3rd Place—Company I	1626

Triangular Match at Rose—

1st Place—Indiana University	1291
2nd Place—Rose Poly	1291
3rd Place—Illinois University	1239

National Guard Match at the Armory—

1st Place—Rose Poly	1759
2nd Place—Company C	1637
3rd Place—Company I	1579



Capt. Stevenson Lieut. Sullivan Lieut. Kearns

The Rose Military Unit

An Engineer Unit, Senior Grade, of the Reserve Officers Training Corps was established at Rose in 1919 under the provisions of The National Defense Act of 1916.

The course in Military Science and Tactics is a regular college course and is given under the direction of the War Department through officers assigned here as instructors. The course includes two distince parts—a basic course covering two years and an advanced course with an additional six weeks summer camp at Camp Custer, Michigan. This year for the first time the basic course in Military Science and Tactics was made optional. As a tribute to the popularity of the course, all except three of the Freshman class elected Military in preference to the other electives offered.

The object of the basic course is to qualify the student in the duties of a non-commissioned officer. The object of the advanced course is to qualify for a commission in the Engineer Section of the Officers Reserve Corps, a limited number of students who have demonstrated in a satisfactory manner a capacity for leadership and professional efficiency.

The mission of the R. O. T. C. is to awaken in the student an appreciation of the obligations of citizenship, to prepare him, to discharge his duties as a citizen, and to qualify him as a military leader for national emergencies.

Captain Joseph H. Stevenson

Captain Stevenson entered the Army during the World War. Holding a commission in the Engineer Officers Reserve Corps, he was called to active duty in December, 1917, and shortly thereafter was assigned to the 8th Mounted Engineers, 15th Cavalry Division, at Fort Bliss, Texas. While with this organization, which later was assigned to the 1st Cavalry Division, he served as company commander, Regimental Adjutant and Plans and Training Officer and as Assistant G-3, 1st Cavalry Division, for about five years on the Mexican Border and in Mexico. He participated in the Cavalry action against Villista forces near Juarez, Mexico, in June, 1919.

After graduating at the Engineer School, Fort Humphreys, Virginia in 1923, he served for about two years on the Muscle Shoals Project on the Tennessee River in Alabama and for about one year on the Saint Lawrence River Deep Waterway Project.

From July, 1926, he served for about three years in the Phillippine Islands as Regimental Adjutant and Plans and Training Officer, 14th Engineers, Phillipine Division, and as Engineer Officer in Charge of Defensive Works, Harbor Defenses of Manila and Subic Bays.

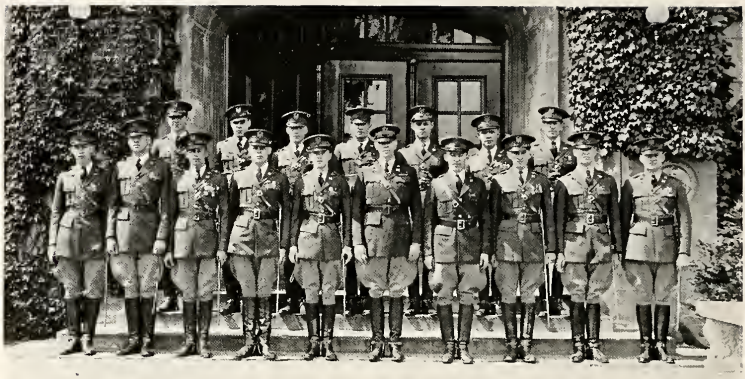
Upon returning to the United States in 1929, he was stationed at Fort Lawton, Washington, and served for three years commanding Company C and the 1st Battalion, 6th Engineers, of the 3d Division, until, in 1932, he was detailed as P.M.S.&T. at Rose Polytechnic Institute.

Lieutenant Gerald J. Sullivan

Lieutenant Sullivan was commissioned a 2nd Lieutenant, Corps of Engineers, from West Point in June, 1924. He was then assigned to Fort Humphries, Virginia, where he spent the next three years. The following year he attended the Massachusetts Institute of Technology, graduating with the degree of Bachelor of Science in Mechanical Engineering. From Boston he was assigned to the 2nd Engineers at Fort Logan, Colorado, for four months. He served in the Phillippines with the 14th Engineers and as Topographical Officer, Military Survey of Luzon for two and one-half years. He was stationed at Rose in 1931.

Lieutenant Sylvester Kearns

Lieutenant Kearns joined the service in 1911 and was stationed at Fort Leavenworth, Kansas. During the period 1912 to 1916 he saw extensive training at Texas City and San Antonio, Texas, with the 2nd Engineers. He was located in Mexico from March 1916 to February 1917 and from there he returned to Texas, graduating from the First Officers Training Camp as a 2nd Lieutenant, and departing for overseas in September of 1917. During the course of the war he had a varied career with the 2nd U. S. Engineers, serving as company commander, battalion supply officer, and engineer scout with the front line troops. He was wounded while on this latter duty. Lieutenant Kearns received the French Croix de Guerre and the Silver Star Citation for gallantry in action. He took part in the following engagements;—Aisne Defensive, Aisne Marne, St. Mihiel, Meuse Argonne and Marbache. In November 1919 he was discharged but reenlisted five days later for special assignment at Rose Polytechnic Institute. In another five days he was made Master Engineer of the Senior Grade and in August 1921 he was appointed Warrant Officer.



Bottom row—M. L. Bradfield, J. C. Skinner, E. J. Withers, E. G. Weinbrecht, T. H. Batman, Capt. Stevenson, Lt. Sullivan, J. C. Dalrumple, W. E. Bachelor, J. F. Guymon.

Top row—G. D. Reece, G. E. Farrington, N. V. Engman, P. J. Carter, J. W. Cantwell, N. W. Liston, J. L. Paton.

Senior Officers of R. O. T. C.

Battalion Staff

Cadet Maj. and Bn. Commander
T. H. Batman

Cadet Capt. and Bn. Adj.
E. G. Weinbrecht

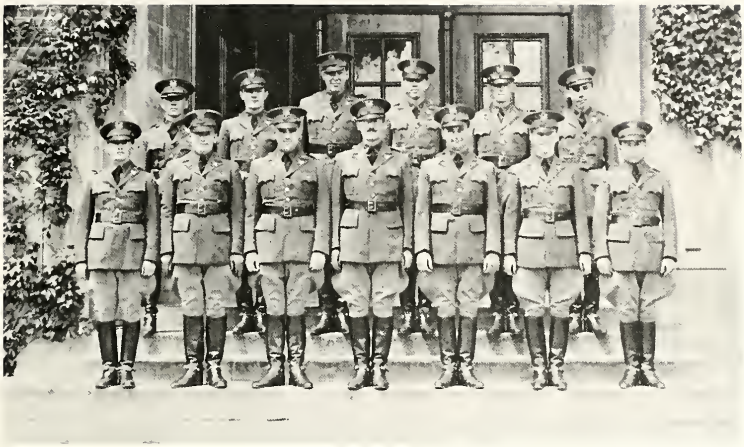
Cadet First Lieut. and Bn. Supp. Off.
W. E. Bachelor

Cadet Master Sgt. and Bn. Sgt. Major
A. L. Yates

After spending a six weeks training period at Camp Custer, Michigan, the Junior Officers return for their Senior year as very snappy cadet officers. The Senior Officers seem to add that distinctive military snap and precision, found in all military men, to the entire R. O. T. C. Unit.

The senior student receives instructions in many phases of military engineering, both theoretical and practical. The theoretical instruction includes such subjects as military law, history and policy, administration and supply, engineer organization and duties, and map making and reproduction; whereas the practical instruction consists of infantry drill and ceremonies as student officers, leadership, small bore and service rifle range practice, and pistol practice.

Upon completing the Advanced Course of Military Science and Tactics and upon receiving the degree of Bachelor of Science from the Institute, the Senior Officers receive a commission as 2nd Lieutenant in the Officers Reserve Corps of the United States Army.

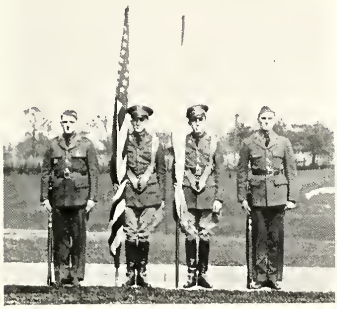


Bottom row—G. F. Stark, S. P. Cauley, P. R. Smith, J. R. Motz, J. H. Keller, W. S. Biggs, J. Babillus.

Top row—R. Danner, J. Nickel, A. G. Morrison, N. C. Blair, A. L. Yates, H. H. Douglas.

Junior Officers

After completing the Basic Course of Military training in the Freshman and Sophomore years, a student can take the Advance Course in the Junior and Senior years, providing he is selected by the President and the Professor of Military Science and Tactics. Before entering the Advanced Course, which prepares the student to become a candidate for a commission, he must sign a written agreement with the War Department to continue in the R. O. T. C. for the length of this course.



Battalion Color Guard

Cadet Sgts. and Color Bearers
J. F. Mason and H. H. Douglas

Cadet Cpls. and Color Guard
J. E. Hartman, G. E. Cavanaugh
J. F. Mason, H. H. Douglas

The work in Military Science and Tactics for the Junior Officers consists each week of three hours of recitation and lectures and two hours of practical infantry drill and ceremonies, as non-commissioned officers. The recitations and lectures deal with such subjects as drill and command, combat principles, military roads and railways, military bridges, and fortifications.

Company A

CADET OFFICERS

Captain ..... James C. Skinner

First Lieutenant and second in command ..... Merrill L. Bradfield

First Lieutenants ..... James L. Paton and Gerald D. Reece

First Sergeant ..... J. R. Motz

Staff Sergeants ..... A. G. Morrison, N. C. Blair

Sergeants ..... John H. Keller, James I. Mason

Corporals ..... Joseph DeWitt, Harry Richardson, Earl Butler, Albert McEowen, John Brinkman, Louis Lyon, Byrne Terhorst, George Cavanaugh, Gordon Burt.

Company B

CADET OFFICERS

Captain ..... Edwin J. Withers

First Lieutenant and second in command ..... James W. Cantwell

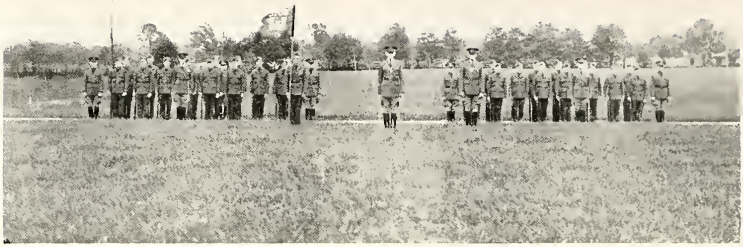
First Lieutenants ..... James F. Guymon and G. Ewing Farrington

First Sergeant ..... H. L. McGurk

Staff Sergeants ..... Jack Nickel, Rufus Danner

Sergeants ..... Robert C. Larsh, Henry H. Douglas, Stephen P. Cauley

Corporals ..... John Hartman, Norman Tucker, Jack Mayrose, Norman Cromwell, Albert James, Harry McCord, Eugene Mueller, Virgil Shaw



Company C

CADET OFFICERS

Captain . . . . . John C. Dalrumple

First Lieutenant and second in command . . . . . Paul J. Carter

First Lieutenants . . . . . Norris V. Engman and Norman W. Liston

First Sergeant . . . . . George F. Stark

Staff Sergeants . . . . . Paul R. Smith, F. J. Landenberger

Sergeants . . . . . Willis S. Biggs, John Babillus

Corporals . . . . . Albert Bard, Harold Reintjes, William Pratt, John Giacoletto, Milton Kroesch, Robert Marks, Hayden Richardson, Carl Price, Jr.

Battalion Band

Master Sgt. and Drum Major . . . . . JOHN H. WELSH

Technical Sgts. . . . . . A. W. TUEMLER, PAUL DIERDORF, K. M. MILLER

Staff Sgts. . . . . . C. WENDELL TEMPLETON, JOHN R. MATTINGLY

Corporals . . . . . ROBERT BERND, BURRIL MCINTYRE, JAY HALL, JOE B. WEAVER, NORMAN TRUSLER, CLAUDE DIERDORF, JOHN FULLER, JOHN LOMAN, E. A. HAMILTON.

The Military Band is a distinctive feature at Rose. It is organized at the beginning of each year in conjunction with the R. O. T. C. Unit. The purpose of the band is to provide music for parades, reviews, and all R. O. T. C. ceremonies. It also plays at home football games and occasionally accompanies athletic teams on road trips.

The band is under the direction of a trained musician and practices regularly each week. Instruments are furnished by the Institute for those members needing them—thus any man possessing a knowledge of music can enroll.

Students who are enrolled in the R. O. T. C. and also in the band receive drill credit for services in the band. However, the band is for all interested students, and they can receive credit and credit points for band work as in any academic subject.

Front row—Skinner, Hughes, Withers, Batman, Lt. Sullivan, Mr. Kearns, Weinbrecht, Carter, Paton, Bachelor.

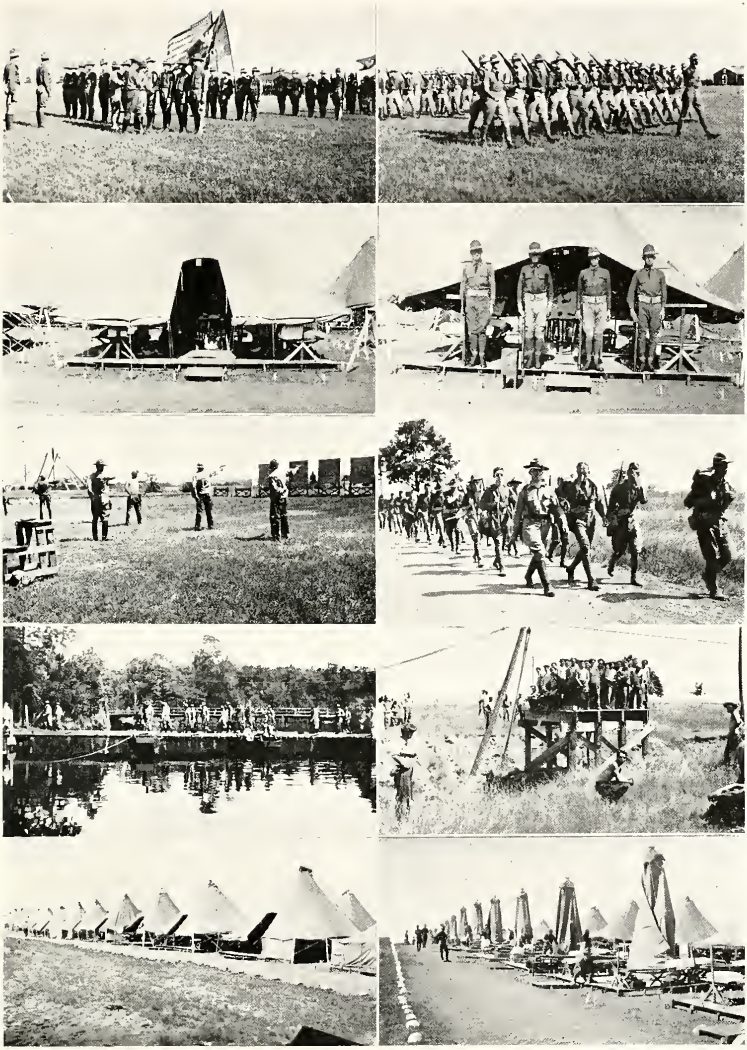
Back row—Engman, Liston, Guymon, Reece, Cantwell.

Rose Men at Camp

The least understood event of college life and the one about which the most tales are told and the fewest believed is the six weeks of training at Camp Custer, Michigan, at the end of the Junior year. It has ever been a question in the minds of the non-participants as to how enjoyable camp really is, there being a suspicion that the tales were told to cover up a dull and disagreeable six weeks. This is far from the case, however. The camp is near to several summer resorts and is only a few miles from Battle Creek, a setting which provides plenty of recreation away from the post. Dances are given weekly at the Hostess House on the post and dice may be purchased at the Post Exchange for those who wish to spend their evenings at home. Much good clean fun is had filling tent-mates' bunks with frogs or the like and cutting holes in their mosquito netting.

The duties of the R. O. T. C. soldier consists of instruction and practice in shooting, equitation, pistol shooting, demolitions, combat principles, fortifications and bridge construction. Routine duties which draw much comment are guard duty and kitchen police. Each man has to spend only three or four days on these duties but it is long enough to convince him that guard duty should be abolished and that Uncle Sam should invest in electric dish-washers to protect the hands of his servants.

But when the time comes for the men to go their various ways home, there is a reluctant feeling toward leaving the many new friends that have been made during the period, friends that we know it is not probable that we will ever see again, and we all wish that we could live over the six weeks at Camp Custer.

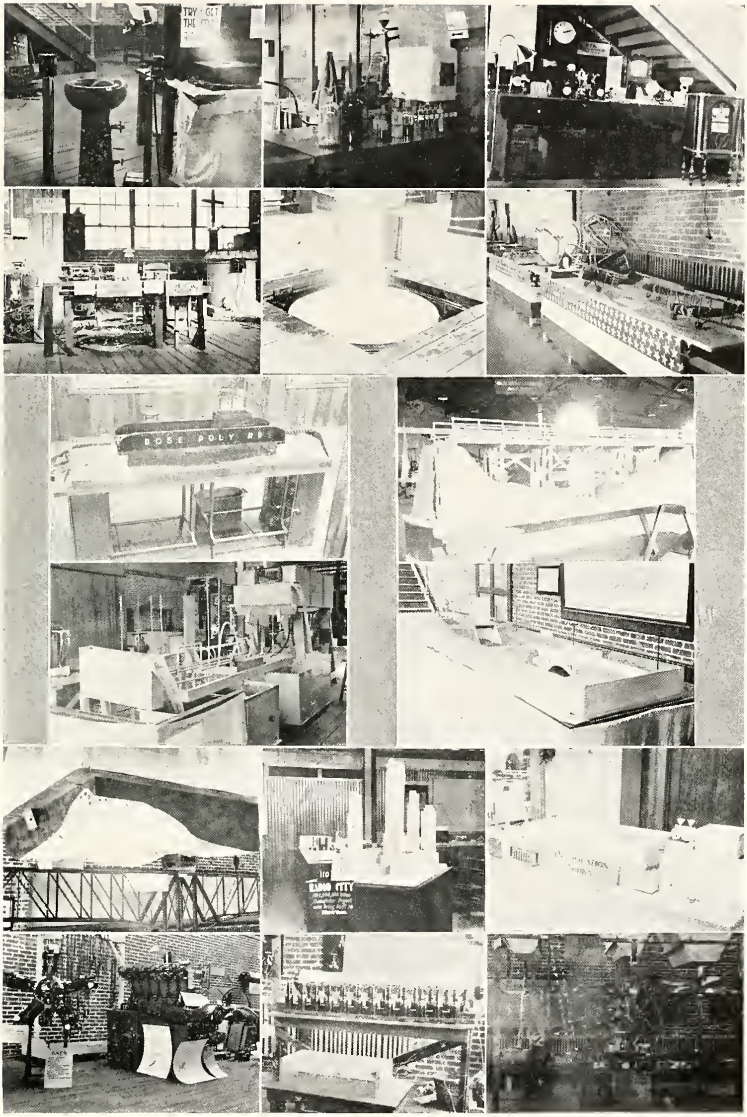


Rose Show

The Rose Show is an engineering exhibit of the modern wonders worked by the engineer. It shows many of the applications of work learned at Rose by means of models of great engineering projects. Lectures and demonstrations are also given on theoretical subjects. Materials are obtained from all parts of the United States to make the models and for use in the demonstrations; lecturers are also often sent from different parts of the country by large companies to explain the demonstrations. This makes the fame of the Rose Show far reaching.

As it takes a great deal of time to complete all the exhibits, etc., the Rose Show is only given every other year. The students are looking forward to the Show for next year, and many projects have already been planned. The most representative exhibit receives a prize from the Rose Chapter of Tau Beta Pi Association; so it is best to plan ahead.

If the Rose Show continues to grow in popularity, it will soon require more space to give it than is available at Rose. Each year that it is given increases the fame of the Show, which is responsible for more people attending the next Show. The last Show entertained nearly seven thousand people. The student body would like to see the attendance continue to increase if it is at all possible to conduct the traffic through the school, for the Show is very interesting and educational.


ROSS POLY MFG

Freshman Week

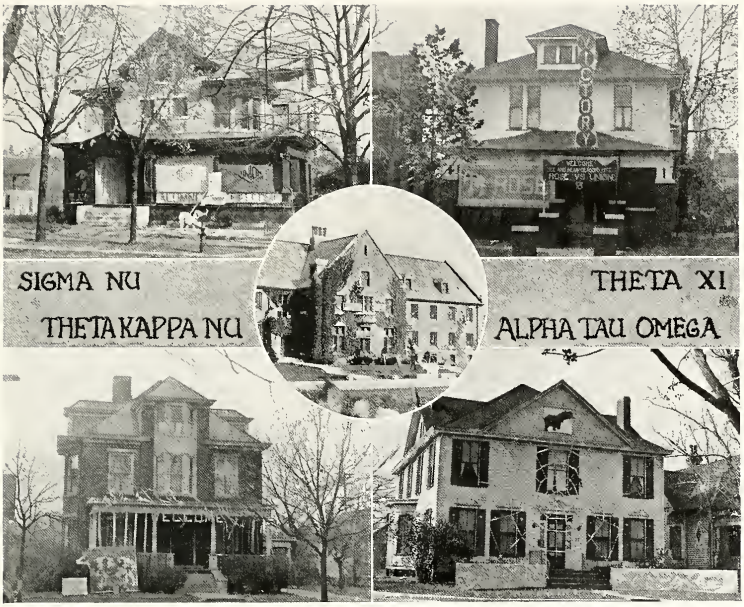
This year "Freshman Day" was expanded to two full days of instruction and examination in order to acquaint the newcomers with the work which they were to be required to do. This program provided more time for the new students to select the proper schedule and become acquainted with their instructors and the surroundings.

On Monday, September 12, the new class assembled in the front hall of the Institute and received their name cards which each man wore that week. After registration and payment of fees the freshmen enjoyed luncheon as guests of the school at Deming Hall. Following the luncheon President Prentice extended a few words of greeting to the new class. The afternoon program was begun by a talk by the president in which he both welcomed the men and gave some valuable information concerning college life. Captain Stevenson then outlined the nature of the R. O. T. C. work at the school. The day was completed with the scholastic aptitude test in the drawing room.

On Tuesday morning Dr. White delivered a talk entitled the "Freshman Year" in which he pointed out the many difficulties with which the new students were confronted. This was followed by registration for electives and then Coach Brown's plea for the support of Rose's athletics. The morning was completed with a thorough discussion of the various student activities and their benefits. That afternoon physical examinations were made and the R. O. T. C. equipment issued.

On Wednesday schedules were made out, the students were assigned to their sections, and books were procured in readiness for regular classes on Thursday.

Thus the comparatively small class of 1936 had started on its four year's journey through Rose Polytechnic Institute.



Homecoming

Rose Homecoming for this year was held on October 29th. The evening before, the undergraduates gathered around a large bonfire that the freshmen had constructed that afternoon. After the fire had been lit, the students had a snake dance around it, giving yells and singing songs. The freshmen served doughnuts and cider to increase the spirits of the crowd in general. To complete the evening, the students paraded Rosie up and down Wabash Avenue, stopping now and then to sing and cheer.

The morning of Homecoming was devoted to the entertainment of the alumni at the school. In the afternoon a large crowd of alumni and students saw Rose defeat Union College, in a hard fought game of football, to the tune of 8-7. During the half, Professor Hutchins presented a cup donated by the Student Council to the Sigma Nu fraternity for having the best decorated house. All the fraternity houses and the dormitory were very elaborately and artistically decorated, showing the use of much time and talent.

That night a dance sponsored by the senior class was held at the Trianon Ballroom. Almost everyone attended to put a finishing touch to a good homecoming celebration that from all views could be considered highly successful.

Military Ball

The Military Ball was again the most elaborate and colorful event of the social season at Rose. The senior class has witnessed the passing of the Junior Prom and the rise of the Military Ball to social prominence. The Ball is relatively a new event at Rose, the first being held at the school gymnasium in 1930. The first Ball was sponsored by the Military department but has since been the function of Tau Nu Tau Fraternity.

This Year's Military Ball took place at the Terre Haute Country Club, Friday, December 9. A formal dinner preceded the dance and was attended by the guests of Tau Nu Tau Fraternity. Louis Panico and his orchestra provided the music for the dance and the Hoosier Ensemble played music for the dinner.

Honor guests for the Ball were:

Mr. and Mrs. Paul Bogart
Mr. and Mrs. Donald B. Prentice
Major and Mrs. Joseph Davidson
Major and Mrs. C. C. Knipmeyer
Captain and Mrs. R. E. Hutchins
Captain Stevenson
Lieutenant and Mrs. Gerald G. Sullivan

The committee for the dance consisted of Paul Carter, general chairman; John C. Dalrumple, music; Tom Batman, decorations; J. C. Skinner, tickets; and M. L. Bradfield, programs.

St. Patrick's Day

All engineers set aside St. Pats Day as one of celebration, for St. Patrick is the patron saint of engineering.

In the days before the talkies the student body took part in vaudeville performances at one of the down-town theatres by giving stunts and entertaining the public generally. Since the advent of the talkies students are no longer permitted on the stage, so that this year it was possible for the student body to attend the theatre in a group only without presenting their own performance. As classes were dismissed on Friday afternoon, the student body chose that time to attend the Indiana Theatre where the WLS Players were performing.

The big event of the St. Pat's Day celebration was the dance held that night. The dance is under direction of various chairmen who are appointed by the president of the Student Council with the approval of the Council. This year's dance was one of the best attended dances of the year. It was held at the Trianon Ballroom where the students danced to the music of Jimmy Raschel and his New Orleans Ramblers. The ballroom was lighted that evening by green lights which added to the spirit of the occasion. There was, also, a noticeable amount of green in the attire of participants of the dance.

Commencement

Commencement day is the day that all of the seniors have been striving to reach for four years. It is a day of great celebration for them; however, one wonders if there isn't just a little melancholy hidden under the external appearance of gladness. Their life work lies ahead, but their undergraduate friends stay behind.

This year's senior class has the honor of celebrating the fiftieth anniversary of the founding of Rose Polytechnic Institute. To make this a memorable commencement, the Institute has chosen this occasion to confer honorary degrees upon some of the outstanding Alumni.

The commencement program is as follows:

Friday, June 9—

4:00 P. M.—Dr. and Mrs. Prentice will entertain the seniors and their guests with a tea at their home, Wygenwood.

8:00 P. M.—The faculty will hold a reception and dance in honor of the seniors at the Institute.

Saturday, June 10—

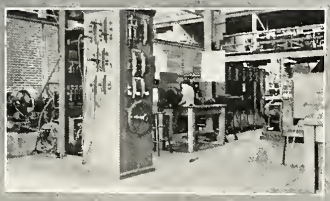
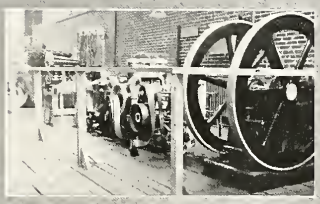
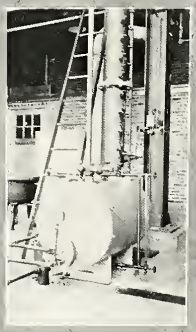
10:00 A. M.—The commencement exercises will be held. President L. B. Hopkins of Wabash College will deliver the commencement address. The Alumni address will be delivered by W. Arnold Layman of the Class of '92. Those students receiving the medals and scholarships of this year will be designated at this time.

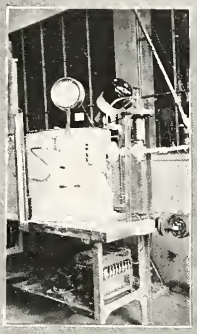
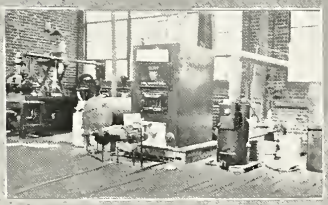
12:00 M.—There is to be a luncheon held for the seniors in Deming Hall.

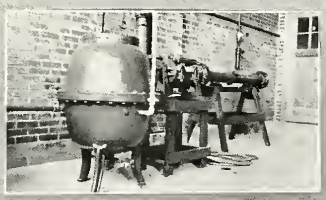
2:30 P. M.—The faculty-senior baseball game is to be held.

4:00 P. M.—The Alumni will have a business meeting in Deming Hall.

6:30 P. M.—Alumni Banquet will be held in a down town hotel.



The Dormitory Association

The students of Deming Hall are very fortunate in having the kind and thoughtful supervision of Mr. and Mrs. Fred. H. Hopkins, and also a means of self-government in the Dormitory Association. This organization, with the purpose of promoting fellowship, has in the past been in the custom of presenting a series of programs to its members.

The officers for the first semester were: Mr. Fisher, president; Mr. Sexson, vice-president; Mr. Pearson, secretary-treasurer; Mr. Ketchum, sergeant-at-arms. One of the projects undertaken by the association during this semester was the decorating of the building and lawn for the homecoming game. At Christmas time Mr. and Mrs. Hopkins entertained the association with a very delightful banquet, the dining room being especially decorated for the occasion.

The officers for the second semester were: Mr. Richardson, president; Mr. Farrington, vice-president; Mr. Overholser, secretary-treasurer; Mr. Ketchum, sergeant-at-arms. The members of the discipline committee for the year included Mr. McNair, Mr. Newsom Mr. Richardson, and Mr. Overholser. Mr. Swoboda has acted as the scholastic committee, a committee created for the purpose of offering suggestions and instructions to the students in their courses of study. The discipline committee maintained order without disciplining a single resident.

The experience in this self-government, the convenience of the dormitory, and the fellowship enjoyed there make it a real education, privilege, and pleasure to live in Deming Hall.

The Christmas party at Deming Hall

Mr. and Mrs. Hopkins

HOW DID YOU PLAY?

How did you play when the game was on,
When the odds were great and hope was gone?
When the enemy team, with aim so true,
Was dragging the victory away from you?
When strength and speed and endurance quit,
Did honor keep pace with determined grit?
Did you keep the faith with the rules of the game?
Did you play up square without fear or shame?
Did your smile of cheer make the team your friend
As you fought it through to the bitter end?
Did your self-respect rise a notch or two?
Are you a bigger man now the game is through?

—La Porte.

ATHLETICS

Reading left to right—Hartman, Modesitt, Creedon, Hylton, Weinbrecht, Hufford, Richardson.

Athletic Association

The student management of athletics at Rose is invested in the Athletic Association. Every student is a member by payment of his student fee, which entitles him to a ticket for all home athletic games. The actual management of the Association's work is in the hands of an executive committee consisting of two representatives elected by each class. This group elects its president and secretary. The president has a seat on the student council. The Association controls athletics in all forms and is entrusted with the care of the athletic grounds and equipment. The Association acts on the coach's recommendations for sweater and letter awards. The Association's chief function is the administration of the apportionment of the student fund allotted to athletics. This also follows the recommendations of the coach.

Herbert Hylton was president of the Association for this year.

Coach Brown

Coach Brown

Phil C. Brown came to Rose in 1928 facing a discouraging situation from his point of view. The Rose football team was then an established joke, along with that of the mother-in-law and that of the traveling salesman. He found little or no material for a team, and a disinterested attitude among the students.

Coach graduated from Butler College in 1923, and then went to Marshall, Illinois, to coach at the high school there. He spent two years at Marshall, going from there to the Multnomah Athletic Club at Portland, Oregon. His next job at coaching was with Washington College, at Chestertown, Maryland. Then he came west to Terre Haute.

The first year saw a repetition of previous years, the team losing most of its games by lopsided scores. The team gradually began to round out, however, under the regime of Coach Brown, who immediately on his arrival instituted a rigid system of training and practice. The next year Rose for the first time in years showed a greater number of wins than losses. In 1930, Rose had developed into one of the strongest teams of its class in the state, being undefeated until the last game of the season. Last season Rose lost only two games out of eight played, losing even those by small margins. This season Rose has maintained a high record, losing three games out of eight played, and losing none of them decisively.

Coach Brown is working on a new shift for next season, which should prove as effective as have his other ones in the past. I think we may safely depend on Rose to be a strong contender for secondary college honors in Indiana again next year.

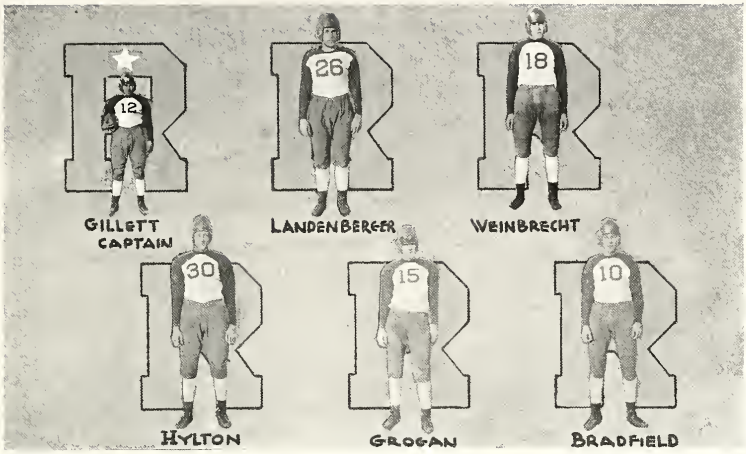
Football Squad

Although the yearly influx of freshmen, counted on rather heavily for the building up of the football team, suffered a decrease of almost one hundred percent, the season opened with a relatively large squad. By the end of the first week of training, a squad of thirty-five had answered the clarion call issued by Phil Brown. The team went through with a fairly successful season, winning five games and losing three.

As is inevitably the case, there occurred the usual number of broken collar-bones, ankles, and fractured ribs. Apparently the sacrifice is well worth-while, as it continues year after year.

The scores of the games indicate that Rose won and lost some heartbreakingly close contests. Six out of the eight played were entirely too evenly matched to make them dull or boring. From this standpoint the season offered a series of thrilling matches for the spectators, and everyone who attended the games will agree that most were replete with the excitement which seems the "be all and end all" of football's existence.

It is customary to make mention of the seniors playing with the squad, as their absence is usually keenly felt in the following year. Captain Gillett, Hylton, Bradfield, Reinking, Detrick, Hilgeman, Grogan, Weinbrecht, and Manager Phelps have all done their bit for Rose, and the team will suffer tremendously in their loss.



GILLETT

For four years Gillett has been an outstanding man on the Rose team. His place cannot be filled, as he is the sort of player one finds only at rare intervals, a natural player who instinctively knows all the deceptions and tricks of the game which take the average player years of experience to learn. By his drive, enthusiasm, and never-say-die spirit, Captain Gillett pulled his team successfully through several extremely discouraging situations.

LANDENBERGER

Jackson Landenberger has been shown to have the confidence of his team with him in that he was chosen to be Captain of the 1933 team. He has always been a steady, reliable man at the center position, and this quality of dependability should make him an exceptional leader. There are many times during a football season when a competent captain, with the confidence of his team behind him, has pulled through apparently insurmountable obstacles.

WEINBRECHT

"Ed" worked out as reserve quarterback. With a little more weight he would have made a mighty fine back.

HYLTON

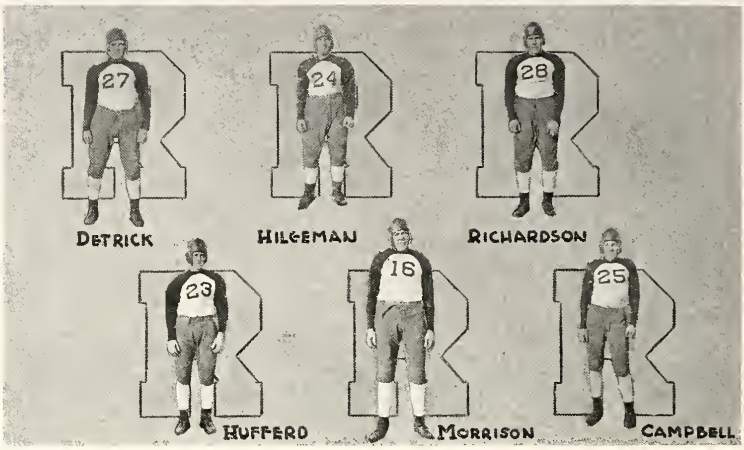
"Herb" is such a quiet and unassuming player that he seldom gets all the credit due him. For four years he has been a capable partner to Gillett, and Rose has never had trouble due to weak ends during those four years.

GROGAN

Playing at left tackle, "Charlie" was a real threat to opposing teams. He overcame a slight disadvantage in weight be determination and endurance.

BRADFIELD

"Mick" Bradfield, acting as reserve for Captain Gillett, held up the high standard set in all his games.



DETRICK

As the varsity fullback, Theron Detrick proved of invaluable aid in backing up the line and in ball-carrying. In offensive drive, Detrick could always be depended on for a gain.

HILGEMAN

Those who saw this flashy little ball-carrier, through sheer pep and vitality, almost win two games single-handed, could hardly believe that this was Ed's first year of football.

RICHARDSON

"Harry" is a veritable triple-threat man, a crafty quarterback, and a trouble-some tackle for the other team. He will go far in college football.

HUFFORD

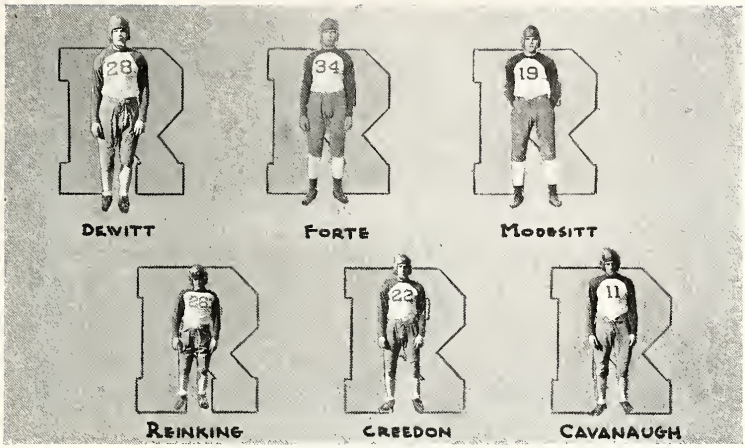
A 150-pound fullback seems to be an impossibility to find. Yet Hufford weighed just that, and he held down his post as reserve fullback so well that he is expected to do well next year.

MORRISON

Beginning the year with a bad ankle, "Pop" missed out at the first of the season. From then on he made a wall that was hard to get through.

CAMPBELL

Campbell is another freshman who promises to become one of the mainstays. His work at right half shows merit.



DeWITT

"Joe" has maintained the high standard of playing that he set two years ago in high school. He is a fast, rangy man, built perfectly for an end, and his playing proclaims the fact that he is a good one.

FORTE

This freshman can pass like twenty, and run like sixty. He plays as well as if he had been one of the original Forte minute men.

MODESITT

Modesitt, playing his first year for Rose, proved an invaluable aid in strengthening the forward wall. He should develop into a mainstay on the team next year.

REINKING

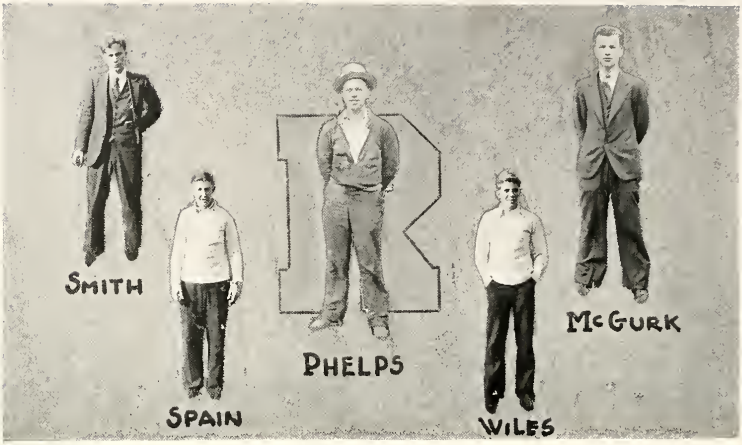
Those massive shoulders afford potentialities for tremendous drive, and "Art" lets none of them go to waste. When he goes through the line, it crumbles in his path.

CREEDON

Joe's motto this year was "Remember the Earlhamo". He certainly had a good memory.

CAVANAUGH

At reserve center for Landenberger, Cavanaugh played steady, dependable ball.



PHELPS

Carefully avoiding "paternal care", I find myself at a loss for descriptive words. "Johnny" was a good manager, and the team will miss him.

McGURK

"Harry" will take up the burden of responsibility of managing the team next year, and is sure to do it well.

SMITH, WILES and SPAIN

To Smith and Wiles, sophomore managers, and Spain, freshman manager, goes the honor of carrying water, towels and needed equipment to the games. They worked efficiently and always kept the team well supplied with their wants. As they work up to senior manager, they can see to it that the other managers do the running of errands as they did this year.

Top row—Hartman, Updike, Larman, Brinkman, Terhorst, Barnes.

Bottom row—Laughlin, Tucker, Eyke, Cauley, Sentman.

The above men who did not make their letters in football but who stayed out and practiced regularly for the entire season and took poundings for the benefit of the first-string players deserve much more credit than they receive. If it were not for these men the scrimmages and squad drills necessary for the developement of a good team could not be held. These men practiced hard and gave all they could for the welfare of the team. Since almost all of them are underclassmen, however, their efforts have been of value to themselves in that they will probably be lettr men next year.

Rose 33 - - Oakland City 0

"Well begun is half done" is quite appropriate for the first football game of the season. Rose had little trouble in winning over the Oakland City team. Reinking carried the ball over the goal line for the first touchdown of the year, and Richardson scored the extra point. In the second quarter Hilgeman carried the ball over, and Richardson again collected the extra point. Detrick scored the third touchdown, and and the kick was good. In the third quarter Gillett scored on a pass from Forte, and Richardson missed his try for the extra point. From then on Coach Brown experimented with various combinations of substitutes until the game was over. In the last quarter, Campbell scored. The kick failed to go between the cross-bars. The game ended soon after, with the score finally 33-0, in favor of Rose.

Rose 7 - - Hanover 6

The second game of the season turned out to be quite a thriller. Hanover, playing at their home field, were determined to win at any cost. They scored early in the first quarter on a pass which must have been fifty yards at least. The try for extra point was wide of the goal posts. In the closing minutes of the first half Rose made a touchdown on a recovered punt by DeWitt. The extra point easily cleared the goal-posts. In the second half the two teams were so evenly matched that neither side could gain an advantage over the other. Late in the last quarter Hanover intercepted a Rose pass and carried the ball to the ten yard line before they were stopped. They failed to penetrate the Rose defense either by ground or aerial attack.

Wabash 13 - - Rose 7

Rose tasted the bitter dregs of defeat at the hands of the Wabash "Little Giants." The Wabash team was much heavier and superior to the Rose team, and the game was entirely satisfactory from the view point that the Rose team was fighting an uphill fight. In the first quarter Wabash made a fifty-five yard run around the Rose left end for a touchdown. The extra point attempt was successful, and the score at the end of the first quarter was 7-0, Wabash. In the third quarter Wabash scored on a pass. The point after touchdown was missed. Rose recovered a Wabash fumble on the ten yard line, and made a touchdown by tossing a flat pass on the third down. The try for point was blocked.

Indiana State 6 - - Rose 0

Rose went down before Indiana State only after a bitter struggle. In the first half the edge of superiority rested undoubtedly with the Rose team. Rose threatened the State goal line twice during the first half and once during the last half, but Rose seemed unable to take advantage of those opportunities. State threatened once, and took advantage of its opportunity to carry the ball across the goal line. During the second half, the heavier weight of the State line began to tell on the Rose men with the result that the Rose team was outdone in ground-gaining. Mayfield, the State halfback, played a beautiful punting game, his kicks averaging sixty or seventy yards. During the game Rose made nine first downs, and State made five. Gillett and DeWitt played faultless football at the end positions, and Hilgeman in the backfield turned in some pretty runs.

Evansville 7 - - Rose 0

Rose lost the third game of the season to Evansville. There were no scores until the second quarter, when Evansville made a touchdown and scored the extra point by a kick from placement. Richardson and Hylton both went out in this quarter from injuries. The second half was spent by the Rose Engineers in trying to get within scoring distance, but the Evansville defense was too strong. Just before the end of the game Creedon fumbled an Evansville punt and Evansville recovered it. The game ended with the ball in Evansvlle's possession on the one-inch line.

Rose 8 - - Union College 7

At the Homecoming game, Rose nosed out Union College in a nip-and-tuck game. The two teams dueled in midfield for a majority of the first half until Richardson crashed through the Union line and blocked one of their kicks. Leitzman fell on the ball as it rolled over the goal line, but he lost it again, and a Union man got it. Thus Rose earned a safety, to make the score 2-0. An aerial attack earned Rose a touchdown in the second half. DeWitt carried the ball over. The try for point failed. The Union men decided to strike, and made a touchdown, but it was too late for them to reverse the decision.

Rose 12 - - Earlham 6

At the first of the Earlham game it looked as though Rose was going to be badly beaten. The Earlham team started down the field and soon had scored a touchdown. The jolt caused the Engineers to tighten down, and the Rose advance began. It was a hard struggle for Rose against a very strong defense, but finally they managed to break through and Hilgeman carried the ball over the goal line for a touchdown. The half ended with the score tied at six to six. Rose received the kickoff in the second half, and Creedon ran behind perfect interference for eighty yards through the entire Earlham team for a touchdown. The try for the extra point failed, and the final score was 12-6. Creedon got revenge on Earlham, as he and Hilgeman were the outstanding players of the game.

Rose 38 - - Aurora 7

Rose won its final game of the season without much effort. Little was known of the Aurora team and so to make the outcome certain, the Engineers set out with vengeance and soon had the game safely in hand. Hilgeman scored after a long run in the first few minutes of play and Richardson made the point after touchdown. The first team scored three more touchdowns with ease in the first half, Detrick going over twice and Creedon once, with Detrick adding another point. Coach Brown used the second and third teams in the second half, Campbell scoring two touchdowns, while Aurora was able to push over one. The whole team played an aggressive game throughout and ended the season in a burst of glory.

The Football Season

Spectators at the Rose football games this year received full quota n thrills and excitement. Six of the eight games played were remarkably close ones in which the outcome was uncertain until the very last minute of play. The other two were won by Rose by top-heavy scores.

The comparative scores against the progressing season if plotted would look something like the underside of a sne wave, viz:

Sept. 24	At	Rose—Oakland City	0	Rose 33
Sept. 30	At	Hanover—Hanover	6	Rose 7
Oct. 8	At	Wabash—Wabash	13	Rose 7
Oct. 13	At	Stadium—Ind. State	6	Rose 0
Oct. 22	At	Evansville—Evansville	7	Rose 0
Oct. 29	At	Rose—Union College	7	Rose 8
Nov. 5	At	Rose—Earlham	6	Rose 12
Nov. 12	At	Rose—Aurora College	7	Rose 38

The future looks gloomy because of the number of outstanding football players who were playing their last year for Rose. Conversely, incoming freshmen who aspire to be football heroes may expect to find exceedingly bright prospects before them. Coach Brown is noted at Rose for getting together men of little or no experience and molding them into a coordinated, smoothly working machine which sweeps its opponents aside as it moves ever forward.

Intramural Sports

Intramural sports afford an opportunity to those men who do not excel in certain divisions of athletics to engage in a certain amount of physical exercise and friendly competition with fellow students which is a wholesome and beneficial influence. For this reason I believe that intramural sports should be sponsored and encouraged at Rose. They make fewer demands on the student than do the fiercely competitive intercollegiate activities, and consequently do not encroach on his studies or other activities as they sometimes do. Yet, intramural sports afford a physical outlet for those students who are inclined to neglect their physical development in their zeal for knowledge.

Competition is held in basketball, baseball, tennis and track. Medals are awarded to winners in all the sports. Every student may find his bent in one of these sports, and is urged to engage in some sort of intramural sport, both for exercise and for entertainment.

The students turned out well for the intramural contests this year and much enthusiasm was shown in the games. Many more students were able to participate in the basketball league this year than in the years before when intercollegiate basketball was held, and perhaps more total benefit was derived from the program. The spring sports were delayed considerable by inclement weather, but now the tennis and baseball playing are well under way.

Intramural Baseball

A spring baseball league was formed consisting of one team from each of the four departments. Games are played each evening on the athletic field, starting at 4:00 P. M., and are limited to seven innings.

The members of the winning team are to be presented with gold medals at the end of the season and outstanding representatives of the other teams will receive silver medals.

Last year the Mechanical B team won the league championship.

At this writing the Chemical team is leading the league, needing only one more win for the championship.

The standings:

	W	*L*
Chemical	4	1
Civil	3	2
Mechanical	3	2
Electrical	0	5

Intramural Tennis

Probably the most popular of the intramural sports is tennis. Tennis is a sport which one may try without having been a high-school hero and which does not require a brawny physique. Consequently, interest in the tennis tournament at Rose is keen, and a great number of students enter. It is hoped through this tournament to develop a team of sorts, with perhaps the possibility of playing matches with neighboring college teams. Last year a team was picked from the outstanding players in the tournament and sent to DePauw to play the DePauw team. Although Rose lost, we do not feel discouraged, as it was our first match.

The winner of last year's tournament graduating, the runner-up, Straw, has been picked to win the singles. The same condition exists in the doubles—the winners have been split up, one leaving, the other with another partner, so the finalists, Batman and McNair, have been seeded first. However, Ritter and Richardson, Straw and Montgomery, or Engle and Fisher should prove strong contenders, especially on consideration of the trouble Batman and McNair have experienced in gaining their semi-finals berth.

Dark horses have appeared in the singles to date, Engle and Fisher, who have been mowing down their opponents with ease. The outcome is quite uncertain at present in singles and doubles, and some interesting matches will no doubt be forthcoming in the near future.

Intramural Basketball

The original plan formulated by Coach Brown for intramural basketball competition involved the selection of a team from each class in each department, these teams being put into two leagues. The three best teams were to be picked out of each league, and a championship league was to be formed from these teams.

The schedules were made out, and the plan was started, but it was soon found that time was too limited for such a plan to be feasible. The system put into effect comprises teams selected from two classes of each department, thus halving the number of teams competing. This system effected a saving in time as well as improved the quality of the teams competing.

In the first round the Electrical A, the Chemical A, the Mechanical A, and the Civil A teams won their games. In the second round, the Electrical A team came forth victorious, and the Civil A team won. In the finals, the Civil A team defeated the Electrical A team.

There were three teams picked from this league to compete in the final competition for the decision of the best team in school. These teams were the Civil A, the Civil B, and the Mechanical A.

The Civil A team was composed of the following men: Fisher, Mayrose, Colburn, Butler, Heck, Hess, Richardson, Brinkman, DeWitt, Eyke, and McEowen. On the Civil B team these men played: Johnson, Morrison, Engle, Hufford, Thompson, Moore, Yates, and Bard. The Mechanical A team: Wilson, Nelson, Sebree, Richardson, Terhorst, Cushman, Hilgeman, Larman, Gillett, Hartmann, and Dicks.

The first contest was between the Civil A and the Civil B team. The Civil A team soon forged ahead and were never threatened during the game. They won by a score of 32-19.

The Civil B team played the Mechanical A team in the second contest. The first half was hotly contested, ending with the score 16-15, with the Mechanicals having a slight edge. This edge was increased by three points during the second half and the game ended with the score 28-24, in favor of the Mechanical A team.

In the final playoff, the decision rested with the victor between the Civil A team and the Mechanical A team. In this game, too, the score was very close at the end of the first half. In fact, it was tied at 12-12. For the first nine minutes of the second half no points were made at all. At that point the game was at that critical stage where the team which breaks through will in all probability win the game. The Civil team did just that, breaking loose for three successive baskets before the Mechanicals had a chance to collect their scattered wits. The Civil A team won by a score of 22-16.

Thus the Civil A team fought its way to the top in the basketball competition, playing ten games in the league and losing only one. It displayed a well-coordinated and balanced team and won the championship of the school without a great deal of trouble.

Intramural Track

The annual intramural track and field meet was held at the athletic field on Saturday, May 20. Each department entered men in the several track and field events. The Mechanicals won the meet and the Chemicals took second place.

The results of the events were:

100-yard dash—Bradley, 1st; Clay, 2nd; Creedon, 3rd.

220-yard dash—Bradley, 1st; Creedon, 2nd; Clay, 3rd.

120-yard low hurdles—DeWitt, 1st; Gillett, 2nd; Sentman, 3rd.

High jump—Clay, 1st; DeWitt, 2nd; Johnson, 3rd.

Broad jump—Dicks, 1st; Clay, 2nd; DeWitt, 3rd.

Shot put—Heidenreich, 1st; DeWitt, 2nd.

Javelin throw—Dicks, 1st; Heidenreich, 2nd.

Discus—Richardson, 1st; Heidenreich, 2nd.

One quarter mile relay—Mechanicals, 1st; Chemicals, 2nd.

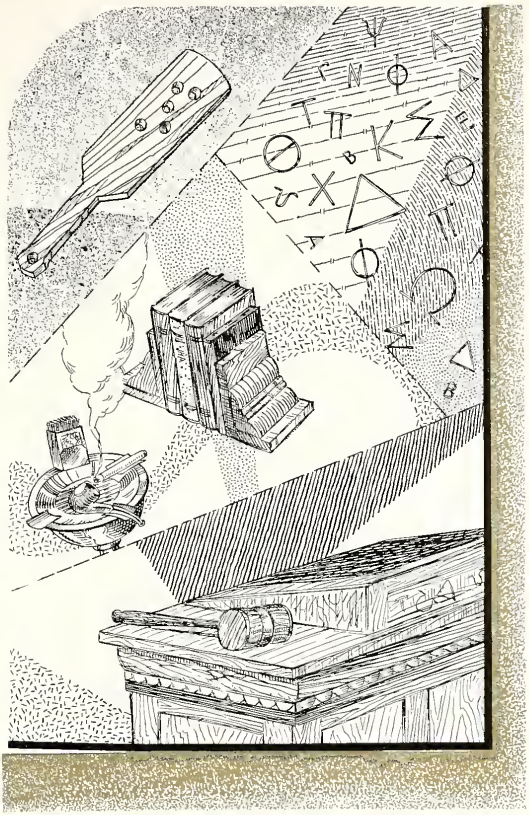
One half mile relay—Mechanicals, 1st; Civils, 2nd.

The winners of the first place events were awarded gold medals, second place, silver medals and third place, bronze medals.

FRIENDSHIP

A ruddy drop of manly blood
The surging sea outweighs;
The world uncertain comes and goes,
The lover rooted stays.
I fancied he was fled,—
And, after many a year,
Glowed unexhausted kindliness,
Like daily sunrise there,
My careful heart was free again;
O friend, my bosom said,
Through thee alone the sky is arched,
Through thee the rose is red;
All things through thee take nobler form,
And look beyond the earth;;
The mill-round of our faith appears
A sun-path in thy worth.
Me too thy nobleness has taught
To master my despair;
The fountains of my hidden life
Are through thy friendship fair.

—Ralph Waldo Emerson.



FRATERNITIES

Alpha Tau Omega

Founded at Richmond, Virginia, 1865.

Gamma Gamma chapter installed at Rose 1893.

Ninty-four chapters.

Noble C. Blair
Logan Gillet
Louis Lyon
John Phelps, *President*

Leon Sanford
James Skinner
James Brown
Joe Creedon

Jack Foulkes
John Keller
Clifford Lamb
Lyle Maehling

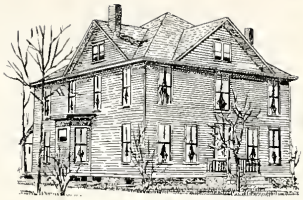
Frank Mansur
John Moore
Albert Morrison
Harry McGurk

Jack Nickel
Arthur Teumler
John Welsh
Gene Zwerner

Robert Asbury
John Bradley
John Brinkman
Gordon Burt

Emmet Cody
John Cushman
William Eyke
John Hager

Arthur Hess
Albert James



Faculty Members

Carl Wichmeyer
Kenneth Gantz
Benjamin Pine

Burril McIntyre
Bert Pearce
William Pratt
Albert James

Virgil Shaw
Thomas Smith
Ernest Welsh
Fred Wiles

Francis Blair
Oscar Brosey
James Campbell
William Creal

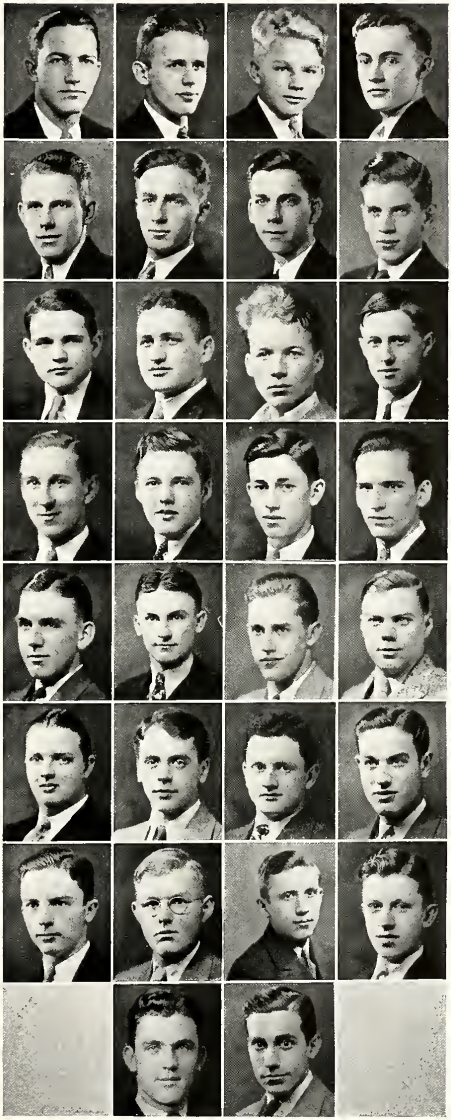
Edward Denehie
Louis Duenweg
Harry Garmong
Harold Hall

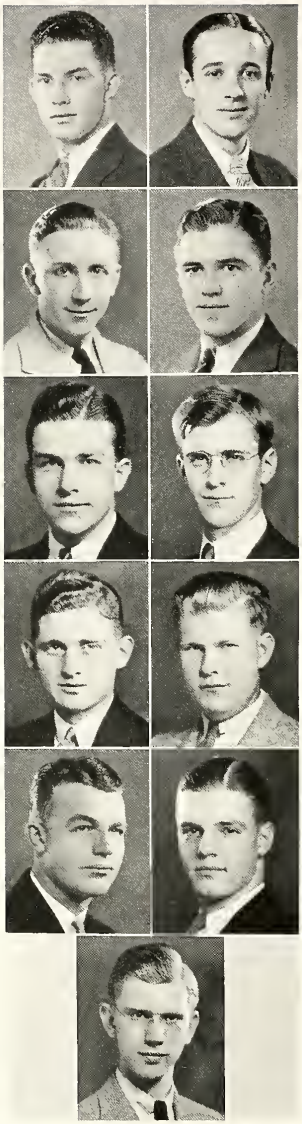
Edward Howard
William Kasameyer
Raymond Laughlin
Edward Leever

Paul McKee
Albert Mewhinney
Wilmont Moore
Daniel Overholse

Joseph Ross
Neil Salisbury
Warren Sentman
Joseph Staats

Joseph Walker
Charles Whitesell





Sigma Nu

Founded at Virginia Military Institute 1869.
Beta Upsilon chapter installed at Rose 1895.
Ninety-eight chapters.

MERRILL BRADFIELD, *President*
WILTON BROWN

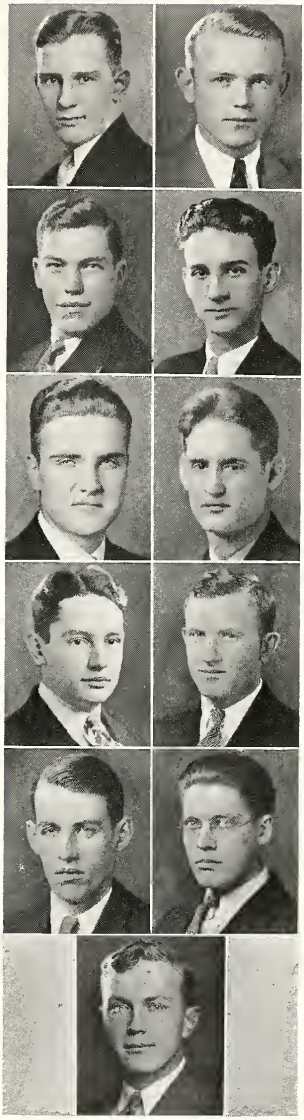
WILLIAM BELSTROM
THERON DETRICK

FREDERICK LANDENBERGER
ROBERT BERND

EARL BUTLER
EDMUNDSON CARRICO

JOSEPH DEWITT
JAY HALL

JOHN RITTER



Brent Jacob, Jr.
Albert Yates

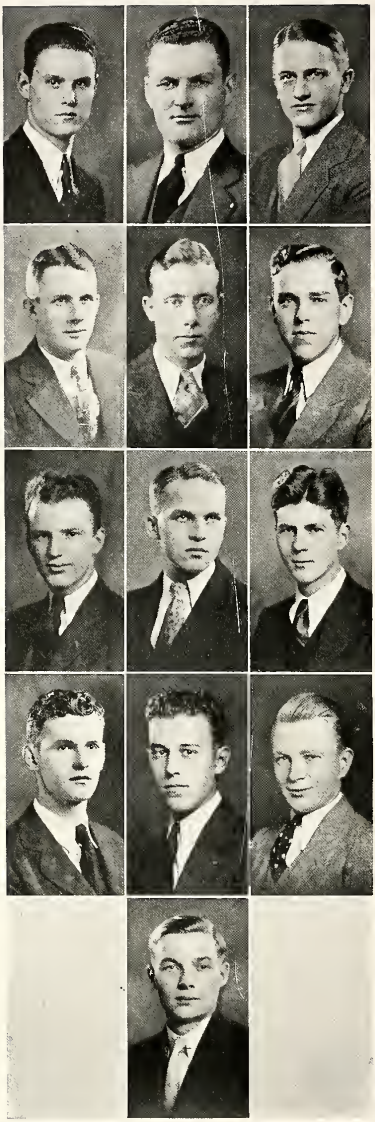
Harry Richardson
John Mattingly

Byrne Terhorst
Arthur Wood

Bernard Melton
F. H. Richardson

Deforest Colburn
Raymond Meyers

Louis Heck



Theta Kappa Nu

Founded at Springfield, Missouri, 1924.

Indiana Gamma Installed at Rose 1925.

Fifty-one chapters.

James Cantwell

James Guymon

Russel Powell

Marshall Powell

Donald Greenfield

Russel Archer, *President*

Willis Biggs

Rufus Danner

Henry Fick

Clement Gray

John Fuller

Eugene Christy

Joseph Moore

Faculty Member—Orion L. Stock

Wendell Templeton
Robert Self
Jack Bacon

Charles Evinger
Paul Bennett
Duane Ford

Clarence Reid
John Sonnefield
John Whitesell

Richard Metz
William Staley
Raymond Harrod

Eugene Wilbur

Theta Xi

Founded at Rensselaer Polytechnic Institute, 1864.

Kappa chapter installed at Rose 1907.

Thirty-three chapters.

Edward Weinbrecht, *President*

Paul Carter

Norris Engman

Roger Peugnet

Kyle Miller

Edwin Withers

Dan Ringo

John Dalrumple

Albert Bard

Richard Kiefner

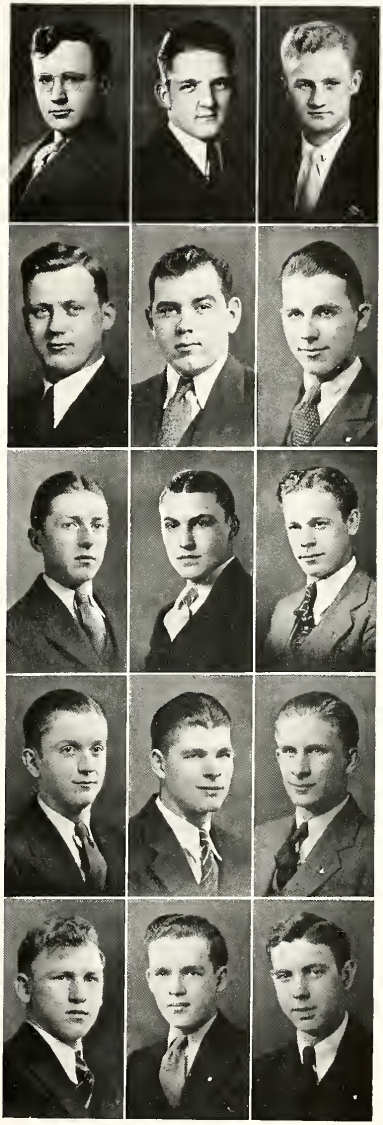
Jack Mayrose

Nelson Trusler

Carl Price, Jr.

Milton Kroesch

Harry McCord



Richard Stamm

John Hartman

Norman Keith

Eugene Mueller

Donald Troll

Robert Marks

John Brannen

George Cavanaugh

Norman Cromwell

Emerald Newman

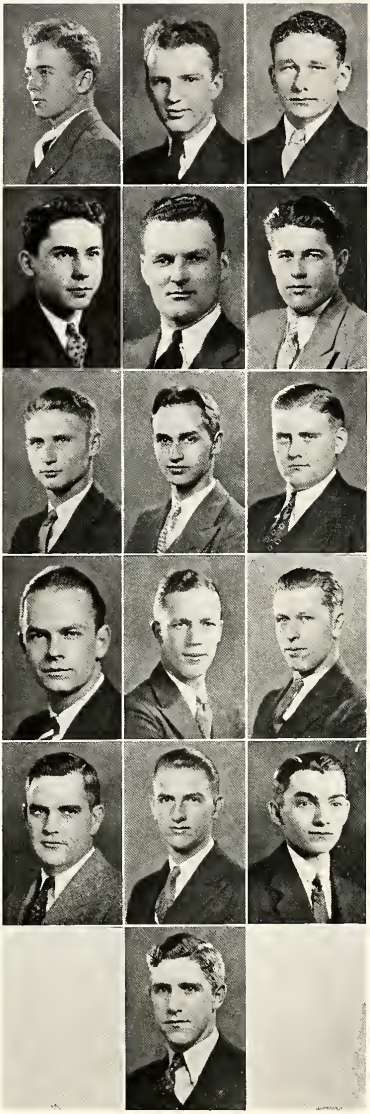
Fred Modesitt

Donald Hehman

Philip Cartwright

Lyon Utter

Hubert Lyon



Alpha Chi Sigma

Founded at University of Wisconsin, 1902.

Iota chapter installed at Rose, 1909.
Fifty chapters.

Tom H. Batman
Willis Biggs
Stephen Cauley

Henry Douglas
James Guymon
William Heidenreich

Edward Ketchum
J. Dunlap McNair,
Pres. 1st semester
Kyle M. Miller

John Moore
Roger Peugnet
Charles Sipple

Paul Smith
Robert Swoboda
Richard Toner
Pres. 2nd semester

Joseph Creedon

Faculty Members—

John W. White Alfred T. Child

George Cavanaugh

Norman Cromwell

Albert James

Carl Price, Jr.

Harold Reintjes

Joe Weaver

John Hager

Francis Blair

Wallace Clay

William Creal

Louis Duenweg

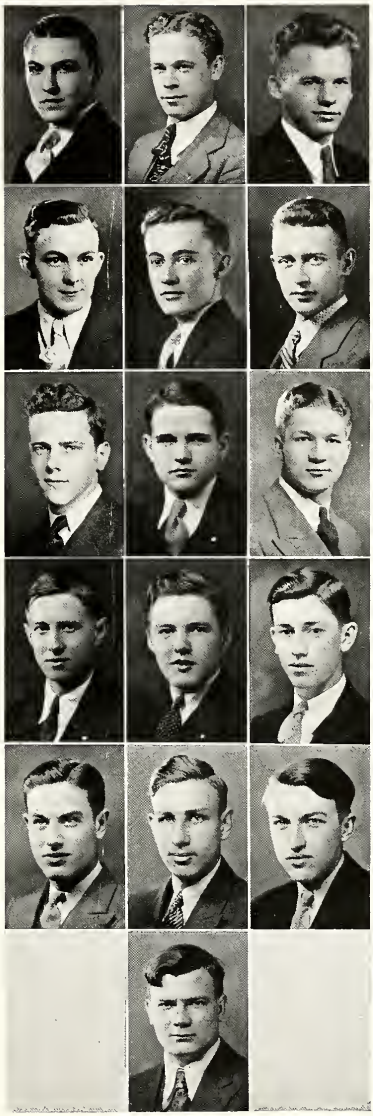
Harry Garmong

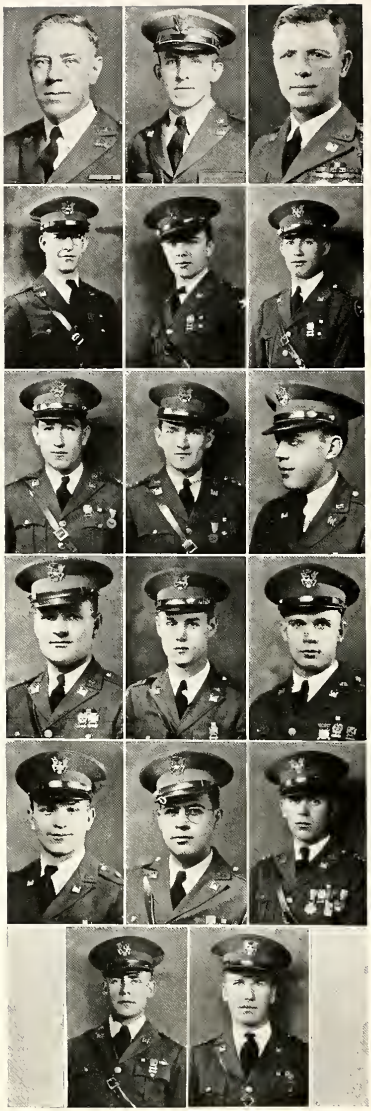
Daniel Overholser

William Staley

Albert Weinbrecht

Eugene Wilbur





Tau Nu Tau

Founded at University of Illinois, 1929.
Rose chapter installed 1930.
Five chapters.

Capt. Joseph H. Stevenson
Lt. Gerald J. Sullivan
Mr. Sylvester Kearns

William Bachelor
Tom H. Batman
Merrill Bradfield

Paul Carter
John Dalrumple
Ewing Farrington

James Guymon
James Cantwell
Norman Liston

Gerald Reece
James Skinner
Edwin Withers

Edward Weinbrecht
James Paton

John R. Motz

Albert Morrison

N. C. Blair

Robert Larsh

Henry Douglas

Rufus Danner

John Keller

Paul Smith

Stephen Cauley

Willis Biggs

John Babillus

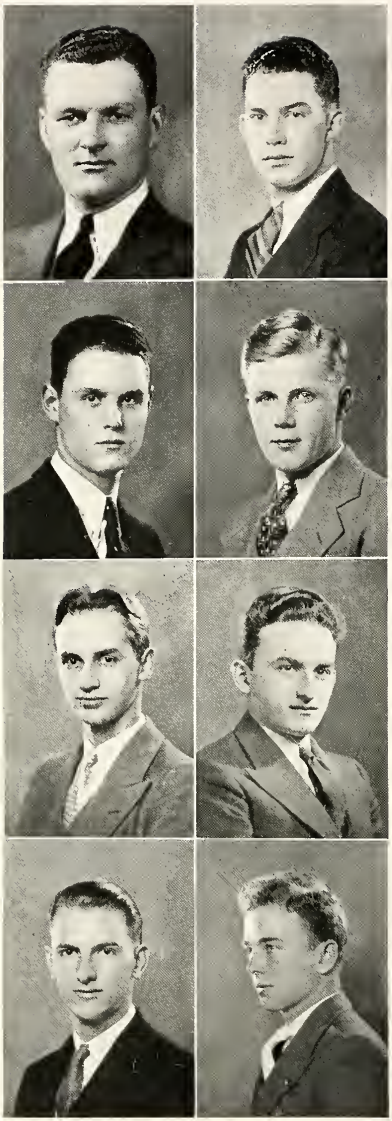
F. J. Landenberger

Albert Yates

James Mason

George Stark

Jack Nickel



Tau Beta Pi

Founded at Lehigh University, 1885.

Indiana Beta chapter installed at Rose, 1928.

Sixty-three chapters.

James Guymon, *President*

Merrill Bradfield

James Cantwell

Norris Engman

J. Dunlap McNair

Irwin Rosenak

Robert Swoboda

Tom H. Batman

Faculty Members—

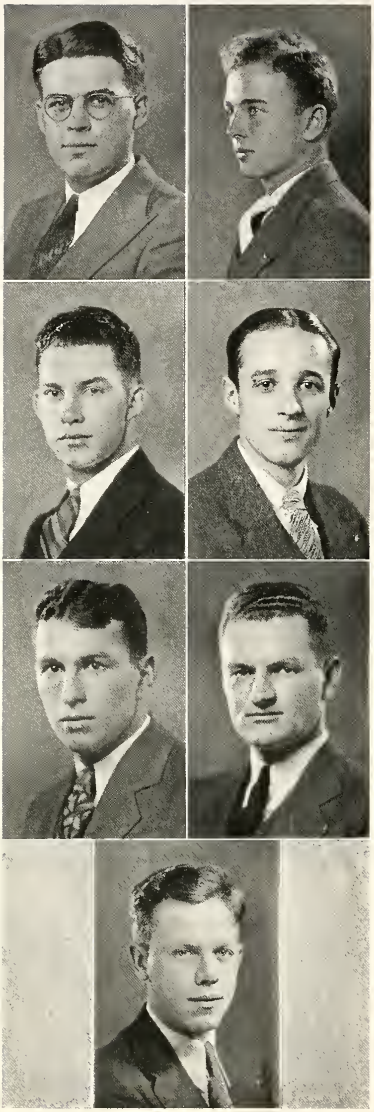
Donald B. Prentice
Harve N. Chinn, Henry C. Gray
Herman A. Moench
Orion L. Stock, Carl Wichmeyer
R. L. McCormick

William C. Heidenreich
Russel Powell

James Brown
John Ritter

John R. Motz
Richard Toner

Maurice Tucker



Blue Key

Founded at University of Florida, 1924

Rose chapter installed 1932.

Fifty-three chapters.

James Skinner, *President*

Tom H. Batman

Merrill Bradfield

Wilton Brown

Logan Gillett

James Guymon

John Phelps

Faculty Members—

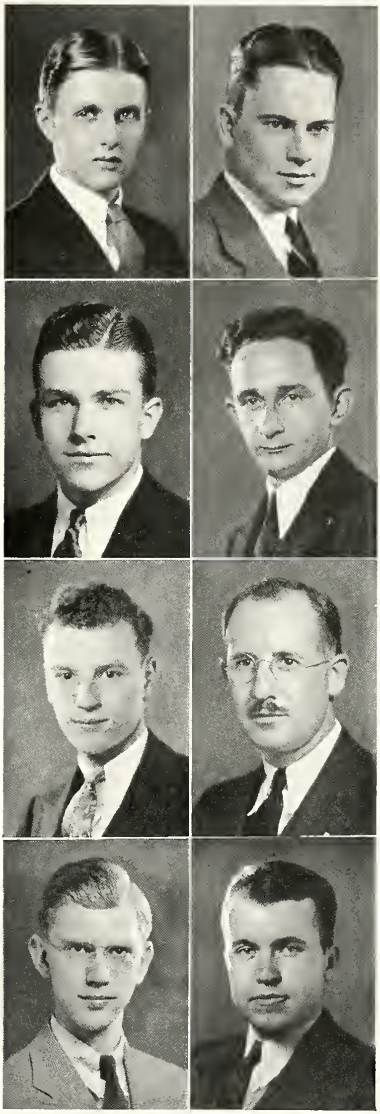
Berton A. Howlett
Donald B. Prentice

James Brown
Jack Foulkes

F. J. Landenberger
Frank Mansur

Harry McGurk
John Motz

John Ritter
Howard Staderman

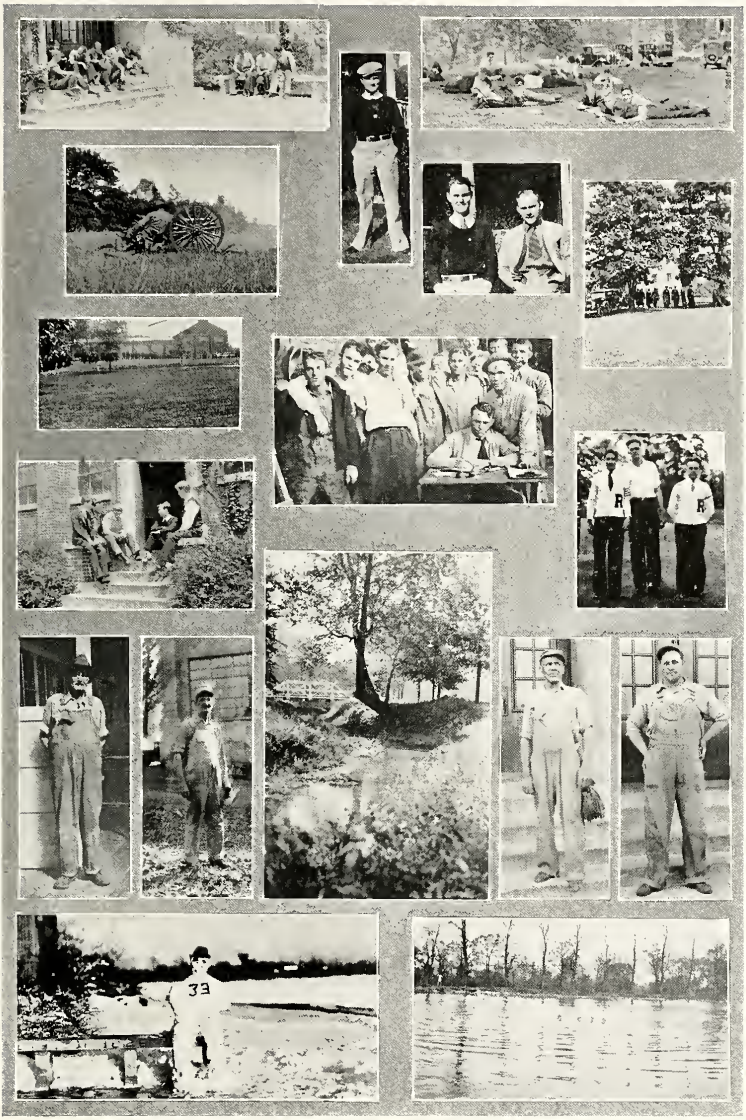


Interfraternity Council

The Interfraternity Council was established at Rose to discuss and regulate matters of common fraternity interest, its purpose being to promote a feeling of friendliness and cooperation among the fraternities on the Rose campus. Its most important function during the year is to establish rules concerning the conduct of Rush Week.

Each fraternity is entitled to two representatives.

The council members for this year are: Willis Biggs and James Guymon, Theta Kappa Nu; Merrill Bradfield and Wilton Brown, Sigma Nu; John Phelps and Logan Gillett, Alpha Tau Omega; Edward Weinbrecht and Norman Trusler, Theta Xi.


33

ENGINEER R. O. T. C. CAMP,
Camp Custer, Michigan, 1932.

"LETTERS OF A SELF-MADE TOMMY TO HIS MOTHER"

By

Tom Batman

Rose Polytechnic Institute

June 17

Dear Mother:

Last night was a nightmare of slapping and scratching. I've never seen such big mosquitoes before in all my life. I think I'll manage to get in some good tennis practice though. I'm going to swat them with my racquet.

It was rather hot when we went to bed, and Jim Guymon used only one blanket under which to sleep. He woke up at about four-thirty in the morning, and his teeth were chattering because of the cold. He couldn't get back to sleep, so there he lay, almost freezing, until reveille. When he finally got warmed up, and the fellows were all talking about the cold, someone asked him why he didn't get up and put another blanket over himself. He said, "I was too d—— cold to get up!"

A whole week is devoted to processing the trainees. We have to learn to prefix all our words with G.I. or O.D., and to know the difference between "chow" and "chess", and be able to use words such as "retreat" and "reveille" with equanimity, to learn not to salute sergeants, to learn to change uniforms in about five minutes time, and to learn when we can squeeze in enough time to shave, shower, shampoo, and shine equipment. Outside of that, there isn't much to processing.

Tom.

June 20

Dear Mother:

I thought that when I got to Camp I would have at least six weeks of freedom, away from the "Old Man." However, after a few days here, I find that the "Old Man" of the Engineers, Captain Ball, is just as bad, if not worse than my pater. He started the first day of processing with a lecture. The next day he injected a little variety into the program by giving us a lecture, and the third day, in order that we would not fall into the boredom of routine, he delivered a lecture. He frankly admitted to us, in a weak moment, that he was quite good at giving lectures.

One of his lectures was on the subject of "First Aid." During the course of his address, he described the first aid kit which is issued to each student while he stays at Camp. He made record time in opening it, no doubt due to long practice. Two timers checked him at exactly thirty-one minutes, and fifteen and two-thirds seconds. Then he told us the story of the private in the late war who, needing a handkerchief, opened his kit to use a bandage with which to blow his nose. He cut himself on the soft metal opening piece, and bled to death before he could get the bandage out.

Tom.

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Terre Haute, Ind.

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June 23

Dear Mother:

I got an awful scare yesterday. I was called to the hospital, and I knew right away that something was wrong. My imagination began to stray, and I thought, "I'll bet I have a weak heart." Then I thought, "Maybe it's my kidneys!" I knew then and there I'd be sent home, perhaps for having an acousticated exegesis, or something complicated. When I got to the hospital, I had to wait about half an hour, shaking in my boots all the while, until I was finally called into the office. The medical Captain had a very serious look on his face, as if I were in dire danger. I said to myself, "My God, here I go, back to the sticks, and I'll never be a hero."

The Captain said, "Batman, we'll have to take your pulse. The orderly forgot to get it when we gave you your physical examination."

Tom.

June 30

Dear Mother:

We send our dirty clothes to the Camp laundry every week, and like everything else here, and orderly system is followed out. Laundry lists are made out in certain forms, and the offender who fails to make his out according to Hoyle is in for a raking over the coals.

Jim Cantwell was the first victim. Lieutenant Matthews said to him, "How many years have you been in college?"

Jim repied, "three."

"Three years in college and can't make out a laundry list correctly yet!" was the scathing remark.

"Oh," Jim quickly answered. "We get that in a course in 'Ad and Man' next year."

Tom.

July 7

Dear Mother:

It sure was nice to finish up rifle shooting for record just before the first R.O.T.C. dance, so we could brag to our dates about our scores, and tell them how good we were and so forth. We finished our equitation practice before the second dance, and our conversation that night naturaly turned to horses.

When we went out, Lieutenant Matthews rode us up and down, in an out, back and forth, round and round, until we were ready to go back to our bicycles. Then we cleaned our saddles, and groomed and curried our horses. More fun!

At the first dance, one heard frequentiy, "If I'd only had a quarter-point more right windage. . . . ."; while at the second dance, phrases such as this could be heard constantly recurring. "And that darned horse wanted to gallop all the time."

Tom.

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HATS AND MEN'S WEAR

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July 12

Dear Mother:

We went horseback riding again yesterday, and Ed Withers got kicked on the knee. He must have had his saddle too far from the horse's withers. Nevertheless, he took advantage of his accident by getting out of kitchen police that day. At the dance the next night he had a fine time until the mess sergeant showed up. In his anxiety he forgot which one of his knees was hurt, and guessed wrong.

A few days later Lieutenant Matthews was Officer of the Day. He had been calling Al White "Withers" constantly, and early in the morning when he called White down for being out of step, Withers called out, "I'm Withers." You've been calling White 'Withers', and I'm Withers." Lieutenant Matthews retored, "Say 'Sir' when you address me, and besides, I don't feel like being bawled out so early in the morning." Ed said, "Oh, I wasn't bawling you out, Lieutenant. I just wanted to straighten you out."

Tom.

July 18

Dear Mother:

Everybody has to take his turn at Kitchen Police, and my chance came for the first time yesterday. During the course of the day I washed dishes, halved cantaloupes, peeled potatoes, carried crates of cantaloupes, lemons, and oranges, sack of sugar, scrubbed table tops, mopped floors, set tables, and squeezed oranges. I ought to be a great help to you when I get home.

Parades are always thrilling sights, and every Monday and Thursday afternoon finds an appreciable audience to see the R. O. T. C. men perform. The climax is reached on the day of inspection by General Parker. There will be a review, probably followed by an inspection, and in the afternoon there will be demonstrations by the different branches of service, and medals are awarded, when we finally receive recognition for the work we have done during our six weeks stay at Custer.

Tom.

July 26

Dear Mother:

We are going to have our TNT dance on the last night before we leave. It's going to be at the Battle Creek Country Club, and we have no bed-check that night. That means we don't have to worry about coming in late. These TNT dances have a reputation in the past of being the high-light of Camp life and we think this one will be no exception.

Then the next morning we turn in our equipment, draw our subsistence of commutation, and leave for home. I think you'll find me about ten pounds heavier than when I left, and a little more brown from the sun, and with a confident feeling that the summer has been far from wasted.

Love,

Tom.

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Prescriptions

EXPLANATIONS AND APOLOGIES

I, as Humor Editor of this our annual, (Hurray! Hurray!) present these vaporings modestly and yet with a certain pride. (Pause for applause) Others may do the work of the school if I may have the pleasure of presenting my own haywire mental meanderings for your pleasure. This is a paraphrase on the poets remark that others may write the countries laws if he could write its songs. I mention this in order to give the impression of great erudition. However—pause—however, my task has not been an easy one, since nothing has seemed funny to me since the night my garter slipped its moorings at the Military Ball. (Forgive my coarsness, Dr. Prentice, my public must be amused.)

As you see, this is a delicate post, the impulse to lampoon being well-nigh—mark two off for using colloqualisms—irresistable, and don't think people don't keep me posted on the dirt. Only our innate kindness—and the censors—prevent us from getting into a few duels. I wish to state here and now, and why not, that I have deposited a few choice apologies in the front office of the school, to be called for by any who may feel that they deserve one. Pick one out for yourself and save me the trouble of doing it for you.

Be that as it may as it may bear with me kindly and remember that you too may seek your work in the field of literature and need a few friends some day.

-:- -:- -:-

EXPOSE!

Mr. Toner—of all people!—is having difficulties with Applied McCormicks. He can't even work the string trick yet.

At the Junior Banquet———(censored).

And the next girl that starts raving to me about Babillus's two-tone hair is going to get a good ignoring.

-:- -:- -:-

The crap games at the dormitory have been receiving official attention since one of the boys cut his hand badly. The story is that the lad was rattling the bones in a glass, owing to mutual mistrust by the participants, and broke the glass in an impetuous gesture when he failed to make his point.

Cards have been suggested as a substitude, but the chances are that somebody would ignite his clothes with his cigarette while retrieving a spare ace from his sleeve.

-:- -:- -:-

Biggs stays awake only in Mac's classes. He's afraid to sleep there for fear of missing a joke.

-:- -:- -:-

The Saturday Spectator says, (home papers please copy) that Harry McGurk is becoming the most popular man at Rose Poly. It was just one day after this item appeared that John Hartman bit himself severely in the back of the neck and was removed to the padded cell. No reason for the seizure was published.

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Professor McCormick—We learn from this gentleman that one should never gamble. In addition, we are informed that match heads imbedded in a professors chalk is a sure-fire laugh. The match should be placed in a cavity made for the purpose in the end of the chalk and carefully covered over with chalk dust. A fast writing professor gives the best results.

-:- -:- -:-

Prof Gantz—Professor Gantz is the originator of the Gantz system of inculcating a love of good literature in undergraduate minds. The young men are introduced to the works of Boccacio and Maupassant. It follows naturally that they discuss these stories during noon hours to the exclusion of the usual risque stories.

-:- -:- -:-

Morrison—"Pop", a fairly recent father, says, "You'll think the little rascal's asleep but when you quit walking with him he'll open one eye and if you start to put him in his bed he begins bellowing." When Pops grades fell down last year he explained it by saying that his time was all taken up, what with foot-ball, basket-ball, intra-mural base-ball, and taking care of a cheeild.

-:- -:- -:-

Larsh—An exponent of the "toddle-and-dream" style of dancing, declares that he's never been penalized for stalling although he remains in a five-foot square of space for a full dance.

-:- -:- -:-

Prof. Knipmeyer—Professor Knipmeyer surpasses his excellence as an electrical engineer only by his ability to spin a yarn or explanation with gestures. Ask any Senior about the professor's demonstration of synchronization between a street-car and an automobile.

-:- -:- -:-

Among the younger students, his story (this is another true one) about the absent-minded professor who was such a lovable character withal that his friends always intervened to save him from the embarrassing results of his lapses is a favorite. One day the prof. bought a new pair of trousers without telling his wife of the fact. The next day the registrar at the school was called to the telephone by his worried wife. The wife asked the registrar if the professor had arrived at the school and upon learning that he had, asked the registrar if she had seen him herself. She admitted as much and the wife (this is the professor's wife I'm talking about) asked if her husband had appeared odd in any way. Of course, the poor lady had found the professor's old trousers left at home and not knowing of the new pair had at once jumped to the conclusion that the old gentleman had gone to school minus his nether garments.

Forgive us for bringing this up, but after all old friends are the best friends.

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Twenty-six and one half South Seventh

Terre Haute, Indiana

The Mechanicals bring us the news that much innocent amusement may be derived from switching the armature terminals of the driving motor in the wood shop. This results in reversing the machinery. The shop foreman dashes around tightening belts, attempting to use the lathes from the other side, oiling the machinery, and finally coming to the conclusion that something is wrong. A hurry call to Knipmeyer results in the news that he is away from school this week. Moench is called in, and being a fun loving fellow, tears all of the motor apart, tells his class in E. E. E. to put it together again, and then pretends to suddenly notice the trouble. After the wires are switched back, the work goes on again amid loud cheers from the students.

-:- -:- -:-

The Modulus Photography Editor is to be congratulated on his work and thoughtfulness. He has actually succeeded in making a group picture in which Ed Withers does not occupy the front center position.

-:- -:- -:-

This years Hotcha, Rosy, gained our respect when he added a "razzer" attachment to his already ridiculous piccolo. The rubber tube was slipped over an end of the piccolo from which the cork had been removed (this explanation is in our best E. E. E. Laboratory style, so you see what the professors have to put up with) where it did not interfere with the normal action of the instrument. By blowing directly into the mouthpiece instead of across it as is proper, a beautiful Bronx cheer could be produced. When the nut concluded his fanciful rendition of Dear Old Rose with an elaborate cadenza terminating in a prolonged razzberry we positively rolled in the aisles.

-:- -:- -:-

Prof. Hutchins, during one of his broken-field explantory chalks during which the class vainly tried to ward off boredom by looking out of the window or writing poetry, turned and inquired if the youths were following. A few conscientious smiles resulted. After gazing at the future lights of the engineering profession he shook his head sadly and said, "I wish you'd speak occasionally to let me know that you're still with me in the spirit as well as bodily. You all have such intelligent faces that I cannot tell if you are even hearing my voice."

Question: Is it the sporting thing to use this subtle sarcasm on children?

-:- -:- -:-

J. I. Mason rang the bell with a pat retort during the Military Medical examination. The Doc was testing J. I.'s hearing and was having difficulty in getting him to refrain from extraneous remarks and repeat only what he heard the dostor say. Finally an understanding was reached and the exam began. "Two," said the doctor. "Two," repeated Mason. "Seven," whispered the doc, lowering his voice to his chest. "Seven," agreed J. I. With that unexpectness so characteristic of these embarrassing occurrences, the doctor's stomach rumbled. J. I. made an effort, frowned, and turned. "Now doctor," said our hero, "Is that fair? I heard you but I can't repeat it."

-:- -:- -:-

"Grandstand" Withers announces that a year's Glee Club under our new yodel master has increased his chest expansion enough to make room for all but two of his medals at once. (This is an unsolicited testimonial).

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PROFESSORS I'VE NEVER MET

The dominie who seldom wears his Tau Bate key.

The crammer who fails to throw a special quiz on the day before exams, or on the Monday following a big dance.

The owl who kissed a doughnut, then dunked his wife.

-:- -:- -:-

In Boccaccio, it's frankness,
In Rabelais, it's life;
In a professor, it's clever,
But in the Modulus, it's smutty.

-:- -:- -:-

Brother Jacob: "Brother Ritter, will you please lead us in prayer?"

Chaplain Ritter (awakening from sound sleep): "Lead yourself, I just dealt."

-:- -:- -:-

Prof.: "I will not begin today's lecture until the room quiets down."

Voice from the rear: "Go on home, old boy, and sleep it off."

-:- -:- -:-

Wood says that the Glee Club leaders boast that he would guarantee an increased chest expansion to anyone who would take Glee Club. It must have been a slip of the tongue. It was Wood's waistmeasure that increased.

-:- -:- -:-

Prof. Hutchins had better let up on these confounded graph problems that involve so many computations. Creedon reports that he has burnt out two slide-rules trying to do them in the length of time considered par by the professor.

-:- -:- -:-

Juniors, "Popeye" Engle and Self wish to announce that the subject of their thesis next year will be on the scientific analysis of geometric designs on linoleum. Samples of the present day and Mid Victorian school of art are solicited from manufacturers.

-:- -:- -:-

And I wish Ritter would either give me an introduction to that redheaded girl or shut up about her. That boy certainly has powers of description but no discretion.

-:- -:- -:-

Since the course has been abandoned, the orphaned Architects' song is "I Guess I'll Have To Change My Plans."

THE

Modulus

is another

Rose Year Book

Printed and Bound

by

The

Moore-Langen

Printing & Publishing Co.

140 NORTH SIXTH STREET

Terre Haute, Indiana

Oh yes, a Normal school is defined as one at which abnormal professors teach to subnormal students.

-:- -:- -:-

They call their bootlegger Circumstances, because he alters cases.

-:- -:- -:-

Heh! Heh! Do you remember the time Pratt forgot his key and couldn't get into his room and the boys solved the problem by running a steamroller over him and then sliding him under the door?

-:- -:- -:-

Have you heard the explanation of the dislike the R. O. T. C. basics have for Withers? It seems that he is rotten to the corps.

-:- -:- -:-

Frosh: "Where's the bathtub?"

Landenberger: "Upstairs, and don't call me Tub."

-:- -:- -:-

"Have you two quarters for a half?"

"No, I've only got a dime for the whole year."

-:- -:- -:-

"Swede just met a girl who was as hard as concrete."

What did he do?"

"Took her for a walk."

-:- -:- -:-

Investigation reveals that Wally Clay carries his Lucky Strikes in an Old Gold package to discourage bumming.

-:- -:- -:-

"I thought your mother told you to draw the line somewhere when you went out with one of those Rose Poly uncouths."

"Well isn't that why I carry my lipstick?"

-:- -:- -:-

She: "Oooooooh! We've run over a man. Aren't you going to stop?"

Burget: "Oh that's all right. We can read about it in the papers."

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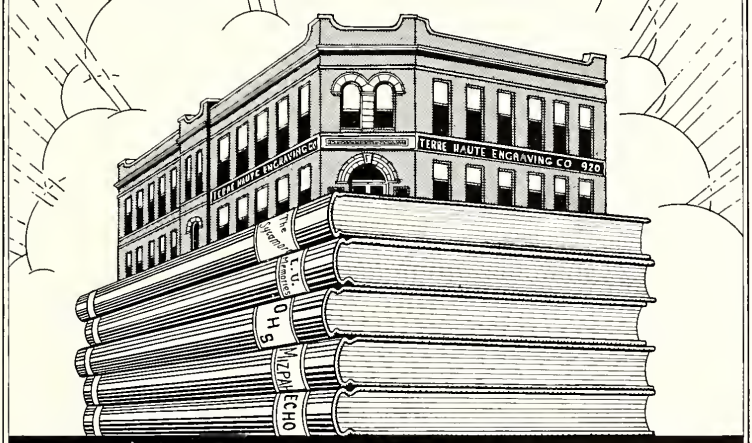

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TERRE HAUTE, IND.

THE DAY AND THE WORK

There is waiting a work where only his hands can avail;
And so, if he falters, a chord in the music will fail.
He may laugh to the sky, he may lie for an hour in the sun;
But he dare not go hence till the labor appointed is done.

To each man is given a marble to care for the wall;
A stone that is needed to heighten the beauty of all;
And only his soul has the magic to give it a grace;
And only his hands have the cunning to put it in place.

—Edwin Markham.